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MICHELL'S

Garden Book

SPRING 1949



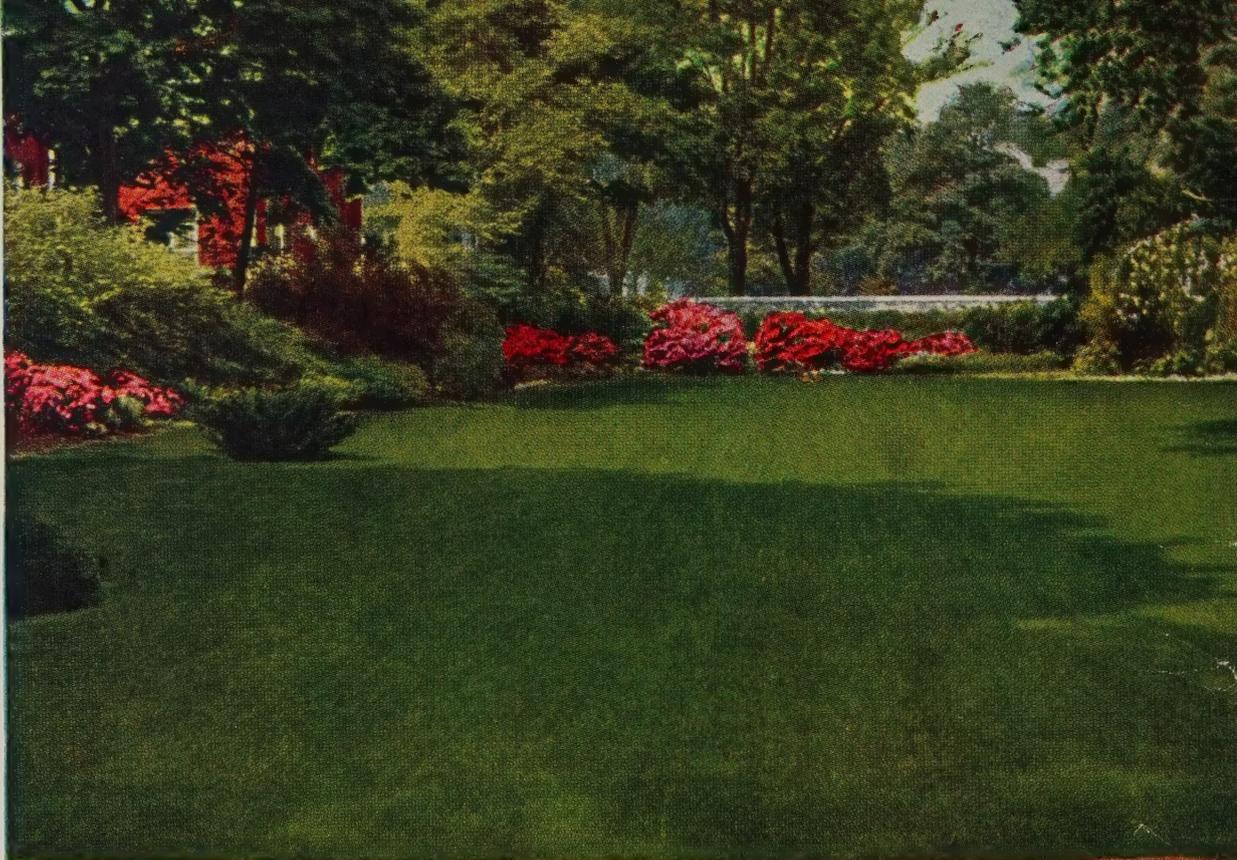
**COVER
COLLECTION
OF ANNUALS**

- No. 1. Aster, American Beauty, Crimson. Pkt. 15c.; large pkt. 60c.
 - No. 2. Scabiosa, Orchid Shades. Pkt. 15c.; large pkt. 40c.
 - No. 3. Zinnia, Lilliput (Pompon) Pastel Mixture. Pkt. 10c.; large pkt. 25c.
 - No. 4. Marigold, African Giant Yellowstone. Pkt. 25c.; large pkt. 50c.
 - No. 5. Petunia, Glow. Pkt. 25c.; large pkt. 75c.
- COLLECTION—1 Pkt. Each above 5 popular annuals 75c.
COLLECTION—1 Large Pkt. Each 5 popular annuals \$2.00

HENRY F. MICHELL CO.

516-518 MARKET STREET • PHILADELPHIA 5, PENNA.

MICHELL'S Green Velvet Lawn Seed



A RICH green turf, velvety in appearance and springy to walk on, is within the reach of every lawn maker. Michell's Green Velvet Lawn Seed produces just such results, sown at the rate of 5 pounds per 1000 square feet. It is a perfectly hardy mixture of fine grasses, ideally suited for permanent lawns. Over fifty years' experience with the problems of fine turf have gone into the making of this mixture, and we recommend it for all open, sunny locations.

| | | | | | |
|------------|--------|-------------|--------|--------------|---------|
| Lb..... | \$1 05 | 5 lbs..... | \$4 95 | 25 lbs..... | \$23 25 |
| 3 lbs..... | 3 05 | 10 lbs..... | 9 60 | 100 lbs..... | 90 00 |

MICHELL'S LAWN DRESSING

A complete organic fertilizer made up expressly for use on lawns and putting greens. It affords a well-balanced, steady diet for established lawns and encourages quick, vigorous growth on new lawns.

| | | | | | |
|-------------|--------|-------------|--------|--------------|--------|
| 5 lbs..... | \$0 60 | 25 lbs..... | \$2 00 | 100 lbs..... | \$5 50 |
| 10 lbs..... | 1 00 | 50 lbs..... | 3 50 | ½ ton..... | 45 00 |

four fine VEGETABLES

VALIANT TOMATO. An extra-large early variety, producing brilliant scarlet fruits of the globe type. It has a sparse open vine and therefore should mature most of its crop before the extreme heat. Pkt. 15c.; ½oz. 50c.; oz. 90c.

GOLDEN GLORY CORN. A splendid hybrid, tall and sturdy with nice 8-inch ears, having 12 to 14 rows of light yellow sweet kernels, highly resistant to wilt. Pkt. 15c.; ½lb. 45c.; lb. 75c.

LAXTON'S PROGRESS PEAS. This is a wonderful early variety, long pods filled with 8 to 9 large Peas of excellent flavor. Highly recommended for freezing preservation. Pkt. 10c.; ½lb. 30c.; lb. 50c.

OLD DOMINION SPINACH. Blight-resistant, produces an abundance of large dark green heavily crumpled leaves. Will stand for extremely long time before seeding. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

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To avoid misunderstanding
read these conditions
of sale.

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Our free delivery service covers the suburban Philadelphia area. The limits are: PAOLI, RIDLEY PARK, CHESTNUT HILL, WILLOW GROVE, ABINGTON, RYDAL, SOMERTON, SPRINGFIELD, MORTON, and Intermediate points, but we do not guarantee to maintain a daily delivery to these places.

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To our customers in New Jersey:

Due to motor transportation and other conditions beyond our control, we are unable to make free deliveries to Camden and vicinity.

Shipment of goods can also be made by package service from Market and Chestnut Street Ferries, Broad Street Station, Reading Terminal, and B. & O. R. R., at 24th and Chestnut Streets. The tariff for shipments that can be made by this method on merchandise they will receive packed in one piece is as follows:

**10 lbs. and under, 12c. 26 lbs. to 40 lbs., 24c.
11 lbs. to 25 lbs., 18c. 41 lbs. to 50 lbs., 30c.**
Shipments weighing more cannot be sent via Package Service.

ORDER EARLY

We would greatly appreciate it if you would send orders for seeds, plants, bulbs, etc., during January and February whenever possible. Shipments will be made when you want the goods.

GIFT CERTIFICATES

"Michell's Gift Certificates" available in any amount and redeemable at any time for our merchandise, which will make unusual gifts for your garden-loving friends. They are ideal for Christmas, birthday and other remembrances.

WE WELCOME CHARGE ACCOUNTS

We invite you to take advantage of the convenience of a charge account with us. So that no time will be lost in executing your first order, please send us the names of two or more business houses with whom you have had past or present credit relations.

HAVE YOU MOVED?

Please let us know of any permanent change of address so that you may receive our catalogs regularly.

CUSTOMERS' SERVICE

We endeavor at all times to take care of our customers' requirements. However, due to present conditions, we are not always able to supply just the item you order. We ask your permission to substitute a similar variety, when the supply of the variety ordered is exhausted. In this event we feel sure that we can render satisfactory service.

SHIPPING INSTRUCTIONS

Always state by what method you want goods forwarded; otherwise we will ship according to our best judgment.

PACKING CHARGES

No charge is made for boxes, packing, or bags, except for two-bushel seamless sacks, which are returnable for credit at the market price as charged.

C. O. D. SHIPMENTS

Goods can be sent C. O. D. with the exception of perishable items: plants and cold-storage bulbs. If shipment is requested by express or freight, send a partial remittance with the order. No C. O. D. orders accepted for less than \$1.00.

CONDITIONS OF SALE

All contracts, sales, and acknowledgments of orders are contingent upon crop failure, our ability to import and make deliveries in conformity with the "Plant Quarantine Act," partial deliveries by growers or manufacturers, strikes, or other unavoidable causes beyond our control, clerical errors included; also unsatisfactory credit standing. All quotations are subject to market changes and goods being unsold on receipt of order.

"In accord with the disclaimer adopted by the American Seed Trade Association, the Henry F. Michell Co. gives no warranty, express or implied, as to the productiveness of any seeds, or bulbs it sells and will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seeds or bulbs."

FORWARDING SERVICE

We pay postage charges on all orders for Vegetable Seeds, Flower Seeds, and Grass Seeds in quantities up to 5 pounds (unless otherwise noted) to the First and Second Zones. If larger quantities of the above, also Bulbs, Plants, and Sundries, are wanted by Parcel Post, remit for postage the amount named in connection with the item to the First and Second Zones; for other Zones add additional postage or at the rate quoted in table below.

All Plants, Roots, and Bulbs are forwarded by Express (or Parcel Post when possible), purchaser paying charges, unless otherwise noted.

For those of our customers who prefer to receive such goods by Parcel Post, we will be pleased to forward in this manner such plants as can be sent in this way at the following additional cost, which must be added to the value of each order for Plants, Roots, or Bulbs unless otherwise noted.

To all points east of the Mississippi River, add 10 per cent to cover postage and packing charges; to all points west of the Mississippi River, add 15 per cent.

SAFE ARRIVAL. We guarantee the safe arrival of all goods sent to points within the United States except when shipped to points where there is no Express or Freight agent; to such points the purchaser must assume any claim for loss or damage.

PARCEL POST RATES from Philadelphia (subject to change)

| United States Parcel Post Rates (Seeds, Plants and Bulbs Included) (Subject to Change) | First pound or fraction | Each additional pound or fraction | Packages must not exceed 100 inches (length and girth combined) |
|--|-------------------------|-----------------------------------|--|
| Local Rate, Philadelphia | \$0 10 | \$0 01 | Limit of weight to all zones, 70 lbs. A fraction of a cent in the total amount of postage on any parcel shall be counted as a full cent. |
| 1st and 2d Zones, 51 to 150 miles | 12 | 02.1 | |
| 3d Zone, over 150 and under 300 miles | 13 | 03 | |
| 4th Zone, over 300 and under 600 miles | 14 | 04.5 | |
| 5th Zone, over 600 and under 1000 miles | 15 | 06 | |
| 6th Zone, over 1000 and under 1400 miles | 16 | 07.5 | |
| 7th Zone, over 1400 and under 1800 miles | 17 | 09.5 | |
| 8th Zone, over 1800 miles | 18 | 11.5 | |

On Seeds, Bulbs, Plants, or Roots not exceeding eight (8) ounces in weight, the postage charge is 1c. for each two (2) ounces or fraction thereof; on Sundries or other Merchandise not exceeding eight (8) ounces in weight, the postage charge is 1½c. for each two (2) ounces or fraction thereof. Seeds, Bulbs, Plants, Roots, Sundries, etc., weighing over eight (8) ounces are sent at zone rates.

If Special Delivery is wanted, an additional 25c. is required on packages weighing up to two (2) pounds—35c. on packages weighing more than two (2) pounds and up to ten (10) pounds—45c. on packages weighing more than ten (10) pounds, which also includes special handling and transportation as first-class mail.

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PARCEL POST CHARGES QUOTED ARE FOR DELIVERY IN THE UNITED STATES ONLY

Notice to Customers in Canada and Other Countries Outside of the United States. In remitting for purchases at the time of ordering, or when paying accounts, by reason of the exchange we ask that you please send Post Office Money Order in United States funds or a check or draft on a New York or Philadelphia Bank in par in United States funds.

HENRY F. MICHELL CO.

516-518 Market Street

PHILADELPHIA 5, PA.

WAREHOUSES: 509-11-13 Ludlow St. and American and Dauphin Sts.

Michell's Novelty and Specialty Flower Seeds.

ANTIRRHINUM, NEW GIANT RUFFLED (TETRA)

Largest flowered of all Snapdragons. Individual florets are huge— $1\frac{3}{4}$ to $2\frac{1}{4}$ inches wide. Many distinctly and attractively ruffled. The color-range contains all the variations of bright orange, pink, red, yellow, scarlet, and white. The plants are of husky growth, reaching a height of 3 feet and bearing many huge, close-set flower-spikes. Pkt. 25c.; large pkt. 75c.

ANTIRRHINUM, SEMI-DWARF RUSTPROOF

Michell's Exclusive Introductions

This popular group comprises the following five separate colors and mixture. The plant habit is very dwarf, compact and free flowering; exceptionally fine for pots or bedding.

Appleblossom. Beautiful appleblossom-pink shade.

Dandy. Flowers are glowing orange with white tube. Brilliant shade.

Princess. Bright salmon-rose.

White Gem. Pure white.

Yellow Gem. Clear golden yellow.

Choice Mixture. Blended from the above colors. Separate colors and mixture, pkt. 25c.; large pkt. 75c.

ASTER, SUPER CALIFORNIA GIANT, SANTA MARIA (NEW)

Immense flowers, fully double, pure white in color. Excellent for cutting. Pkt. 25c.; large pkt. \$1.00.

ASTER, PRINCESS LINDA (Bodger, 1949)

Linda brings an important new color to the already popular Princess type—pure, clear rose. Pkt. 25c.; large pkt. 85c.

EARLY GIANT ASTERS

The flowers are full, with broad, graceful petals, daintily plumed and intertwined; 4 to 5 inches across. Plants $1\frac{1}{2}$ to 2 feet tall, with branches coming low on the central spike, with practically no laterals or side branches. As early as the Royals and with the large flowers of the Crego type.

Light Blue.

Peachblossom. Opens white, flushes pink.

Rose Marie. Rich lively shade of rose.

Early Giant Mixed. Above three varieties.

Any of above, pkt. 25c.; large pkt 60c.



Cosmos, Radiance

ASTER, WILT-RESISTANT QUEEN OF THE MARKET, BALLET QUEEN

Good news for Aster growers! This Queen is very definitely wilt-resistant, and a fascinating shade of deep salmon-rose that attracts attention immediately. It bears $3\frac{1}{2}$ -inch flowers generously on plants useful for both bedding and cutting. Pkt. 25c.; large pkt. 75c.

CARNATION, MARGUERITE, GIANT-FLOWERING, ALL-DOUBLE, MIXED

This is an extra-selected strain in a range of 15 to 20 colors. The flowers are large, fully double, and very freely borne. Plants are of stocky upright growth, excellent for cutting. Pkt. 25c.; large pkt. 75c.

CENTAUREA, MICHELL'S BLUE BONNET

Improved deep blue. A superior strain with large, deep blue, very double flowers. Pkt. 15c.; large pkt. 40c.; oz. \$1.00.

COSMOS, RADIANCE (BODGER)

Silver Medal, All-America Selections, Top award winner. A striking new color combination never before seen in Sensation Cosmos: deep rose petals overlaid with a large, well-defined zone of rich crimson, the first bicolor Cosmos ever to be developed. Destined for immediate popularity in the nation's gardens, it is the first post-war novelty. Pkt. 25c.; large pkt. 60c.; $\frac{1}{4}$ oz. \$1.00.

DIANTHUS HEDDENSIS, FINEST MIXED

The All-America Award winner, Westwood Beauty, is now offered in the full range of Dianthus colors. Well-formed, 2-inch flowers on 16-inch stems, fine for cutting. An entirely new Tetraploid variety combining the large open flowers of Heddeewigi with the rugged growth and long-stemmed habit of Chinensis, and more tolerant of extreme temperatures than either of its parents. Pkt. 25c.; large pkt. 50c.; oz. \$2.50.

IPOMOEA, BLUE STAR

Honorable Mention, All-America Selections, 1949. An entirely new color in Giant Morning-Glories, a distinct shade of clear sky-blue accentuated by the five deeper blue midribs that form an attractive star. A truly outstanding and most attractive shade.

The flowers are of great size, being larger and earlier than the ever-popular Clarke's strain of Heavenly Blue. They average from 4 to $4\frac{1}{4}$ inches in diameter and are borne in great profusion. One of the most notable characteristics of this Morning-Glory is the fact that the flowers remain open well into the afternoon on cloudy days. Pkt. 25c.; large pkt. 75c.; $\frac{1}{4}$ oz. \$1.25.

LARKSPUR, NEW SUPREME STRAIN

This new giant base-branching type has a much longer main spike with larger flowers, fully double and more closely spaced on the main stem than existing types.

The following popular colors are available now:

Lilac Supreme. The best clear lilac to date.

Pink Supreme. Clear bright rose-pink.

Salmon Supreme. True salmon-pink.

White Supreme. Pure white.

Any of above, pkt. 25c.; large pkt. 60c.; oz. \$2.00.

LARKSPUR, NEW GIANT IMPERIAL, DEEP CARMINE KING IMPROVED

A larger, more beautiful Carmine King, which will hold its color under the most trying conditions. Newest and largest of the favorite Giant Imperial type, it will certainly become the standard carmine in this class. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

LILIUM

WHITE QUEEN. A giant, snow-white, early-flowering variety of the Philippinense formosanum type. This strain bears very large flowers and will bloom in approximately 15 months from seed. Pkt. 25c.; large pkt. \$1.25.

MARIGOLD, BURPEE GOLD

Beautiful carnation-like flowers, fully double, $3\frac{1}{2}$ inches across; color is an even rich orange. Plants minus the disagreeable odor. Pkt. 25c.; large pkt. 50c.

All-America Winners and Special Novelties

MARIGOLD, MAMMOTH MUM

Flowers are fluffy, ball like, light sulphur-yellow in color, 3½ inches across. Plants are 30 inches high. Early flowering. Pkt. 25c.; large pkt. 60c.

MARIGOLD, FRENCH DOUBLE, MINIATURE NEW SPRY HYBRIDS

An abundance of varied flower formations in new and unusual combinations of yellow, mahogany, scarlet, and orange are to be found in this strain, thus providing an endless source of delight and interest. Pkt. 25c.; large pkt. 50c.

MARIGOLD, NEW DWARF SINGLE FRENCH, RED HEAD

The plants grow very vigorously, forming a compact row 15 inches high and 20 inches across. The single flowers grow 2 inches across, open a rich mahogany color and expand rapidly, the color being altered by bright sunlight to autumn and later to shades of bronze and gold. Pkt. 25c.; large pkt. 50c.; ¼oz. \$1.00.

PETUNIA, SILVER MEDAL

All-America Silver Medal Winner for 1949. This is one of the finest single Petunias, named for the Award as the best in the All-America trials. Flowers 3 inches across are borne in great profusion from early summer until frost. When first open they are lustrous salmon-cerise with orange undertone, gradually changing to rich salmon. Plants grow 1 foot high, are compact, bushy, and average 18 to 20 inches across. Seed is available in originator's pkts. only (100 seeds) 50c.

PHLOX, GIGANTEA, MICHELL'S NEW BUFF QUEEN

A new shade in this popular Phlox. It is identical in type, habit of growth and size of bloom to Gigantea Art Shades and is free flowering and a continuous bloomer. The color is soft chamois or buff with a distinct eye. Pkt. 25c.; large pkt. 60c.

NEW RUFFLED PETUNIA, GARDEN GIANTS Giants of California Type

The outstanding feature of this new variety is its satisfactory plant growth. The plants develop uniformly into well-rounded mounds 12 to 15 inches high, and all season are thickly covered with large ruffled flowers in a wide variety of color combinations, basically with red and white blotching. Because of its uniformity and continuous blooming it is by far the best variety of Giant Ruffled Petunias for borders we have ever seen. We feel sure it will rapidly become more and more popular. Pkt. 25c.; large pkt. 85c.

PETUNIA MULTIFLORA, PINK SENSATION

Honorable Mention, All-America Selections. This new upright Petunia is very symmetrical in habit. The plants are of compact growth. The flowers are ¾ inch in diameter, produced in great abundance over a very long blooming season. The color is rose bengal, better described as a light rose-pink with deeper veining, and will not burn in the sun. Original pkts. only, 50c. each.

PORTULACA, SINGLE JEWEL

Flowers four times as large as the regular single, and of very unusual beauty. Color a brilliant deep rose-crimson. Pkt. 25c.; large pkt. 75c.; ¼oz. \$2.00.

SCABIOSA, IMPERIAL GIANTS

Extremely large flowers composed entirely of broad frilled petals, arranged in a perfect ball. Plants are tall, upright, and bear flowers on long wiry stems.

Imperial Hybrids (Bodger). Brilliant mixture. Pkt. 25c.; large pkt. 50c.; ¼oz. 75c.

NEW EARLY DWARF SPENCER SWEET PEA, BO-PEEP

A new dwarf type growing 18 inches high. The color of flowers is a rich salmon-pink, making a gorgeous show when planted in solid beds. Pkt. 25c.; ½oz. 40c.; oz. 75c.



Verbena
Dwarf Upright
Michell's
Exhibition

SPRING-FLOWERING OR HOT-WEATHER SWEET PEAS

New Cuthbertson Strain

Now you can grow better Sweet Peas. More heat resistant. Huskier vine growth! Extra long stems! Sparkling colors! This new strain is excellent for outdoor planting. If seed is sown in March, the plants will remain in bloom during very hot weather, up until August. Strong tall growth, very free flowering; excellent for cutting. These new Sweet Peas are a "must" for every garden.

Coline. Vivid, intense scarlet.

Evelyn. Extra long stemmed; soft salmon-pink.

Frank G. Fine soft rosy lavender. Named for the originator of the new Cuthbertson strain.

Janet. Large frilled flowers of pure white are carried on long, heavy stems. Black seeded.

Jessie. Soft lilac-mauve; very rich coloring.

Lois. Pure rich rose-pink, huge flowers.

Tommy. A clear mid-blue; very beautiful.

Choice Mixed. A well-balanced mixture of the above colors.

Any of above, pkt. 25c.; ½oz. 50c.; oz. 90c.

VERBENA, STARLIGHT New Bush Type

A bright mid-blue with a creamy eye. Plants are of uniform, bushy habit, about 8 to 10 inches high. Very free flowering. Excellent companion to Salmon Queen. Pkt. 25c.; large pkt. 75c.

VERBENA GRANDIFLORA, GIANT SALMON QUEEN

New Bush Type

Here is a new type of Verbena well worth featuring. Growth is more erect, making a broad, flat-topped, bushy plant about 8 to 10 inches high and 12 to 15 inches across. The flower-heads are large and well filled with broad-petaled florets of an unusually pleasing shade of bright salmon-pink, each with a small white eye. Besides its many advantages as a border plant, the 8 to 10-inch straight stems and its attractive color make it very desirable for bouquets. Pkt. 25c.; large pkt. 75c.

VERBENA, DWARF UPRIGHT

MICHELL'S EXHIBITION. This new dwarf upright type is a fine addition to the Verbena group. The plants are dwarf and well branched and produce large flower-heads. The individual florets have distinct eyes and the color-range is a choice mixture of bright shades. This type is fine for bedding and borders. Pkt. 25c.; large pkt. \$1.00; ¼oz. \$2.00.

ZINNIA, FANTASY OR CHRYSANTHEMUM FLOWERED VARIETIES

The fairly large flowers have informally curled and twisted petals which produce an attractive novelty effect.

Melody. Rich orchid-lavender.

Orange Lady. Bright orange.

Pink Frills. Soft flesh-pink.

Rosalie. Intense rose-pink.

Star Dust. Bright deep golden yellow.

White Light. Pure white.

Wildfire. Dazzling scarlet; a strikingly brilliant color.

Mixture. Formula mixture of all colors in this class.

Any of above, pkt. 15c.; large pkt. 50c.; ¼oz. 75c.

Michell's "Distinctive" Flower Seeds

FOR NOVELTIES AND SPECIALTIES, See Pages 2 and 3

During our fifty-eight years of service to American garden lovers, we have always maintained a reputation for seed of superior quality. The success of our many customers in growing superior plants has strengthened our conviction that we shall supply only those varieties and strains of finest quality.

In the pages that follow, all of our Flower Seeds are arranged alphabetically. The annuals, biennials, and perennials are carefully marked so that those who are not familiar with the different kinds of plants will not be confused.

Annuals. These grow to maturity, bloom, ripen their seed, and die the same year. Asters, Poppies, Sweet Peas, Morning-Glories, and Zinnias are typical examples. Some of these Annuals are sown in a sunny window indoors, or in a hotbed or coldframe from March to May in order to get an early start. Seed of practically all Annuals can be sown in the open ground after danger of frost has passed.

Biennials. These are raised from seed started in early summer, flowering the second year, after which they die. Typical examples are Pansies, English Daisies, and Canterbury Bells.

Perennials. These plants live on from year to year, increasing in size and in beauty with age. Typical examples are Aquilegia, Delphinium, and Hardy Phlox. Many Perennials may be grown from seed, which is usually planted outdoors from June to September. The young plants may be carried over the first winter in a coldframe or they may be set in their permanent places in early autumn and given a light protective mulch the first season. Some Perennials are known as half-hardy and require winter protection each season, and those known as Tender Perennials require greenhouse protection over winter.

A complete index of Flower Seeds will be found on page 111. Varieties marked ★ are especially suitable for rock-gardens.



Alyssum, Michell's Bouquet

AGERATUM · Floss Flower

One of the best bedding plants, being literally a mass of bloom from early summer till frost.

Michell's Blue Boy. Extra dwarf, rich shade of blue. Height 4 in. Pkt. 25c.; large pkt. 75c.; ¼ oz. \$2.00.

Midget Blue. *Silver Medal, All-America Selections.* A fine dwarf Ageratum 3 inches high with small true Ageratum-blue flowers. Small pkt. 25c.; large pkt. 75c.

Blue Cap. Fine, dwarf, very compact variety. Flowers larger than Little Blue Star. Pkt. 15c.; large pkt. 75c.

★**Blue Ball.** Dwarf, ball-shaped plants. Very large blue flowers. 6 in. Pkt. 10c.; large pkt. 50c.

Blue Perfection. Large heads of deep blue flowers. 1 ft. Pkt. 10c.; large pkt. 30c.

Little Blue Star. Plants densely covered with bright blue flowers. 5 in. Pkt. 15c.; large pkt. 60c.

ACHILLEA · Milfoil; Yarrow

Perennial.

Ptarmica, The Pearl. Pure white, double flowers. 2½ ft. Pkt. 10c.; large pkt. 75c.

ALYSSUM

Annuals.

4 to 9 in.

Violet Queen. New, dwarf, compact form, flowers of which are a pretty bright violet tint. A decidedly brilliant shade, and a variety that will come true from seed. Pkt. 15c.; large pkt. 40c.; ¼ oz. 60c.

Lilac Queen. Dwarf, compact grower. Flowers pure lilac color. 4 in. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

Little Gem. Plants dwarf, compact, densely covered with white flowers. 4 in. Pkt. 10c.; large pkt. 25c.; oz. \$1.00; ¼ lb. \$3.50.

★**Michell's Bouquet** (*A. procumbens*). Snowcloth; Carpet of Snow. The dwarf, compact plants bear a perfect bouquet of miniature white flowers. Pkt. 10c.; large pkt. 40c.; oz. \$1.00.

Sweet (*A. maritimum*). Fragrant, white-flowering trailing variety. 6 in. Pkt. 10c.; large pkt. 25c.; oz. 60c.; ¼ lb. \$1.75.

Perennials.

12 in.

★**Rock-Garden Hybrids, Mixed.** A rare species, excellent for the rock-garden. Pkt. 25c.; large pkt. 75c.

★**Saxatile compactum, Basket of Gold.** An ideal plant with showy golden yellow flowers in May. Pkt. 10c.; large pkt. 40c.; oz. \$1.50.

★**Saxatile compactum, Silver Queen.** Pale primrose-yellow. Pkt. 15c.; large pkt. 40c.; ¼ oz. \$1.00.

AMARANTHUS

Annuals.

These decorative foliage plants are easily raised from seed, either by starting them early indoors or sowing outdoors in May.

Molten Fire. Summer Poinsettia. Extremely ornamental and the most beautiful of all Amaranthus. Leaves dark bronze, center poinsettia-red. Pkt. 25c.; large pkt. 40c.

Tricolor splendens. Joseph's Coat. Foliage green, variegated crimson and yellow. 2 ft. Pkt. 10c.; large pkt. 25c.

Mixed. Pkt. 10c.; large pkt. 25c.

ANTHEMIS · Hardy Marguerite

Perennial.

2 ft.

A handsome plant bearing daisy-like flowers all summer. Excellent for cutting.

Tinctoria Kelwayi. Bright yellow. Pkt. 10c.; large pkt. 30c.

ANCHUSA · Sea Bugloss

Annuals.

Blue Bird. Dwarf, compact grower. Flowers bright indigo-blue. Pkt. 10c.; large pkt. 25c.

Perennials.

1 to 4 ft.

Italica, Dropmore. Hardy plant with lovely gentian-blue flowers. 3 to 4 ft. Pkt. 10c.; large pkt. 30c.

★**Myosotidiflora.** Small forget-me-not-like blue flowers. Fine for the rockery. 15 in. Pkt. 25c.; large pkt. 75c.

ASTERS (See page 6)

SPECIAL NOTE. While this lovely fall flower is very easily grown from seed, the greatest possible care should be exercised with the seed-bed. Old soil and boxes should never be used the second time without thoroughly sterilizing, to avoid the numerous diseases to which Asters are so susceptible. Barnyard manure should never be employed as a fertilizer; we recommend the use of fine-ground bonemeal. Asters should not be grown in the same location two years in succession.



Amaranthus, Molten Fire

ANTIRRHINUM • Snapdragon



Antirrhinum, Dandy

Maximum Rustproof Varieties

Campfire. Luminous scarlet, free from orange or bluish tinges.
Canary Bird. Brilliant canary-yellow.

Michell's New Cherry Queen. Brilliant cerise-rose, a very bright shade under artificial light.

Crimson. Color pure crimson, overlaying a ground of orange, giving the effect of a fiery crimson.
Daffodil. Two-tone daffodil-yellow.
Indian Summer. Coppery orange and scarlet.
Loveliness. A most attractive pure, soft rose-pink.
Reville. The color is a deep luminous yellow with the upper lip of each floret toning to a lighter lemon-yellow.
Rosalie. Rich deep rose with an underlying tone of topaz or amber.
Shasta. Color pure white. Very early and free flowering.
Yellow Giant. Striking deep yellow.
University of California Mixture. All-America Winner. A combination of colors, the result of extensive crosses.
 Any of above, pkt. 15c.; large pkt. 60c.
 1/4oz. \$1.10

Nanum Grandiflorum

Rustproof

Red Boy. Bright carmine-rose and yellow. Pkt. 15c.; large pkt. 60c.
Mixed. A superior mixture. Pkt. 15c.; large pkt. 50c.

Semi-Dwarf, Rustproof Varieties

Michell's Exclusive Introductions

This popular group comprises the following five separate colors and mixture. The plant habit is very dwarf, compact and free flowering; exceptionally fine for pots or bedding.

Appleblossom. Beautiful appleblossom-pink shade.
Dandy. Flowers are glowing orange with white tube. Brilliant shade.
Princess. Bright salmon-rose.
White Gem. Pure white.
Yellow Gem. Clear golden yellow.
Choice Mixture. Blended from the above colors.
 Any of above semi-dwarfs, pkt. 25c.; large pkt. 75c.

Rustproof Varieties

Annuals. 1 to 3 ft.
 This strain has proved excellent under wet outdoor conditions and the flowers are better than 75 per cent rustproof.

Each plant produces from 15 to 18 spikes, which are non-lateral, with flower heads 10 to 14 inches long.

New Giant Ruffled (Tetra). Largest flowered of all Snapdragons. Individual florets are huge—1 3/4 to 2 1/4 inches wide. Many distinctly and attractively ruffled. The color-range contains all the variations of bright orange, pink, red, yellow, scarlet, and white. The plants are of husky growth, reaching a height of 3 feet and bearing many huge, close-set flower-spikes. Pkt. 25c.; large pkt. 75c.

Magic Carpet. Very dwarf, free-flowering strain suitable for rockery or borders. A choice mixture of many colors. Pkt. 25c.; large pkt. 60c.

Tom Thumb. Dwarf, upright habit; height 1 foot. Choice mixed colors. Pkt. 15c.; large pkt. 60c.

New Super Majestic

This new group is superb as a cut-flower or for bedding.

Crimson Shades. Garnet and ruby shades.
Dainty. Delightful soft pink.
Orange Shades. Orange and gold shades.
Pink Jewel. Huge waved Spencer type. Bright pink flowers; an excellent type.
Rose Sensation. A beautiful rich rose-pink. The flowers are huge, both tube and flower being one solid color.
Super Majestic Mixture.
 Any of the New Super Majestics, pkt. 25c.; large pkt. 75c.; 1/4oz. \$1.25

Special forcing Varieties for Greenhouse Culture

Afterglow. Golden bronze. Large pkt. only, \$1.25.
Ceylon Court. Canary-yellow. Large pkt. only, 85c.
Cheviot Maid Supreme. An improvement on Cheviot Maid, deeper in color and longer stems. Large pkt. only, 85c.
Coates' Yellow Perfection. Fine, deep yellow. Medium early. Large pkt. only, 85c.
Lucky Strike. New. The best large-flowering white to date. Large pkt. only, 85c.
Rose Queen. Dark pink. Large pkt. only, 85c.
Special Forcing, Mixed. Pkt. 25c.; large pkt. \$1.00.

Michell's Giant-Tall Antirrhinum

These are not rustproof.

2 1/2 to 3 ft.

Flowers very large, produced on long spikes and invaluable for cutting.

Giant Mixed. All colors. Pkt. 10c.; large pkt. 40c.; oz. \$1.50.

ANEMONE • Windflower

Perennial. 12 to 18 in.

Blooms are excellent for cutting.

Coronaria, St. Brigid. Semi-double; various colors. Pkt. 15c.; large pkt. 75c.

De Caen Hybrids. Choice mixed. Pkt. 15c.; large pkt. 60c.

ARABIS • Rock-Cress

Perennials. 8 to 12 in.

***Alpina.** Dwarf, spring-flowering; for edging and rockery. Flowers pure white. 1 ft. Pkt. 10c.; large pkt. 60c.

***Alpina rosea.** Bright rose flowers. Very dwarf. 8 in. Pkt. 25c.; large pkt. 75c.

ARCTOTIS • African Daisy

Annual. 3 ft.

Grandis. Large, daisy-like flowers; pure white on upper surface, reverse petals lilac. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

ASPARAGUS

Plumosus nanus. An excellent plant for house or conservatory decoration, or cutting, on account of its graceful, finely cut foliage. Pkt. 10c.; 100 seeds, 60c.

Sprengeri. One of the best plants to grow in hanging-baskets or window-boxes, vases, etc. Pkt. 10c.; 100 seeds, 60c.

AUBRIETA • Rainbow Rock-Cress

Perennial. 6 in.

***New Large-flowering Hybrids.** Mixed. Pkt. 15c.; large pkt. 75c.

AURICULA • Primula Auricula

Perennial. 6 in.

***Choice Mixed.** Flowers in many beautiful colors. Pkt. 10c.; large pkt. 75c.



Arctotis, Grandis



Aster, Early Giant

Michell's Superb Asters

FUSARIUM-WILT-RESISTANT STRAINS

Early Giant

The flowers are full petaled with broad, graceful petals, daintily plumed and intertwined, 4 to 5 inches across. Plants 1½ to 2 feet tall with branches coming low on the central spike, with practically no laterals or side branches. As early as the Royals and with the large flowers of the Crego type.

Light Blue.

Peachblossom. Opens white, flushes pink.

Rose Marie. Rich lively shade of rose.

Early Giant Mixed. Above three varieties.

Any of above, pkt. 25c.; large pkt. 60c.

American Beauty Asters

Similar in type of flower and growth to the well-known Late Branching Asters, but on much longer and heavier stems.

Azure Fairy **Purple**
Carmine-Rose **Shell-Pink**
Crimson **White**

Any of above, pkt. 15c.; large pkt. 60c.

Mixed. Pkt. 15c.; large pkt. 50c.

Heart of France

Ruby Red. Pkt. 15c.; large pkt. 60c.

Early Royal Branching Asters

An excellent strain of Early Branching Aster, of the same form and having the same good qualities as the Late Branching but blooming in July or early August.

Azure-Blue **Purple**
Lavender **Rose-Pink**
Peach Blossom **White**

Any of above, pkt. 15c.; large pkt. 60c.

Mixed. Pkt. 15c.; large pkt. 50c.

Crego's Giant Comet Asters

Gigantic flowers, often 5 inches across and with long, stout stems averaging 15 inches in length. The twisted and curled petals give the flower the appearance of a huge chrysanthemum.

Blue Flame. Bright navy-blue.
Crimson **Shell-Pink**
Deep Rose **Violet**
Lavender **White**

Any of above, pkt. 15c.; large pkt. 60c.

Mixed. Pkt. 15c.; large pkt. 50c.

Michell's Improved Semple's American Branching Asters

This is the finest late-blooming Aster. The deep, heavy, incurved flowers are borne on rigid stems, often 2 feet and more in length.

Azure-Blue **Peerless Pink**
Crimson **Purple**
Deep Rose **Shell-Pink**
Lavender **White**

Any of above, pkt. 15c.; large pkt. 60c.

Mixed. Pkt. 15c.; large pkt. 50c.

Single California Rainbow Aster

A tall single wilt-resistant Aster which is excellent for cutting. This rainbow mixture is a choice blend of colors. Pkt. 25c.; large pkt. 50c.

Improved Queen of the Market Asters

Very desirable on account of their earliness and the freedom with which they bloom. Well-formed flowers are produced on 12-inch stems in the greatest profusion early in July.

Crimson.

Dark Blue. Purple.

Light Blue. Lavender.

Peach Blossom. Blush-pink.

Rose-Pink.

White.

Any of above, pkt. 15c.; large pkt. 60c.

Mixed. Pkt. 15c.; large pkt. 50c.

Asters, Regular Strains

Not Wilt-Resistant

California Giant Asters

The large flowers are of the Crego type, with the habit and long stems of the Beauty type. Their immense size and beauty, as well as their long stems, make them very attractive.

Dark Purple **White**
Deep Rose **Mixed Colors**
Peach Blossom

Any of above, pkt. 15c.; large pkt. 60c.

Single Giant California Sunshine Asters

The plants grow 3 feet high and bear blossoms 5 to 6 inches across, on long, stiff stems. The dual color-tone effects formed by the quilled discs and encircling guard petals are lovely beyond description.

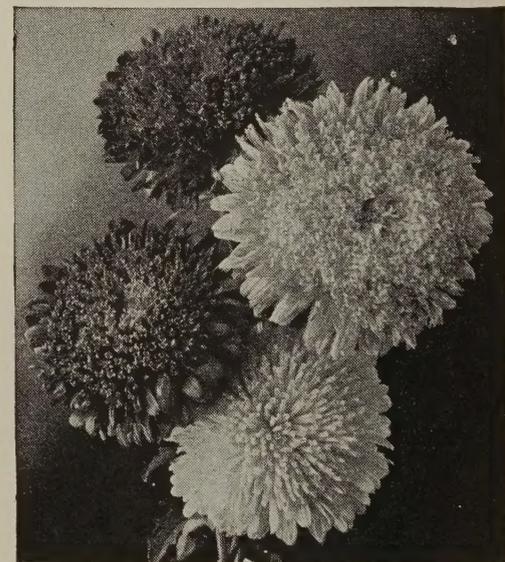
Mixed. Pkt. 25c.; large pkt. 60c.

Two Novelty Super Giant Asters

Giants of California, late type, the largest yet introduced. Very artistic, due to the unusual curling and interlacing of the petals.

El Monte. A deep, glowing crimson. Flowers are large and fluffy. Very early. Pkt. 20c.; large pkt. 75c.

Los Angeles. Pure shell-pink. Stems unusually long. Pkt. 15c.; large pkt. 75c.



Aster, Princess, wilt-resistant, mixed

Novelty Fusarium-Wilt-Resistant Strains

We believe the following varieties are practically immune to this disease. We feel sure that by using this seed many disappointments due to crop failures will be eliminated.

Super California Giant, Santa Maria (New). Immense flowers, fully double, pure white in color. Excellent for cutting. Pkt. 25c; large pkt. \$1.00.

Wilt-Resistant Queen of the Market, Ballet Queen. This Queen is very definitely wilt resistant, and a fascinating shade of deep salmon-rose that attracts attention immediately. Pkt. 25c.; large pkt. 75c.

Princess

A very attractive cutting type of wilt-resistant Aster, 2 to 2½ feet tall, branching and free flowering. Early blooming, bearing quantities of 3 to 3½-inch flowers on strong stems. Flowers have a full deep crested center, surrounded by several rows of dainty plume-like guard petals.

Linda (Bodger, 1949). Linda brings an important new color to the already popular Princess type—pure, clear rose. Pkt. 25c; large pkt. 85c.

Anne. Peach-blossom-pink.

Barbara. Orchid.

Bonny. Soft salmon-rose.

Golden Sheaf. The deepest yellow Aster yet introduced. Fully double.

Mixed. Finest mixed.

Any of above, except where noted, pkt. 25c.; large pkt. 75c.

Victory Giants Mixed. *Honorable Mention, All-America Selections.* A splendid extra-early Giants of California or Comet type. Strong, sturdy plants, branching habit, growing 3 feet tall. The flowers average 5 inches across, and in a fine range of colors, including salmon-pink. Really a well-balanced mixture without reds. Small pkt. 25c.; large pkt. 75c.

BABY'S BREATH

See Gypsophila, page 13.

BACHELOR'S BUTTON

See Centaurea and Gomphrena, pages 9, 12.

Balsam Apple - Momordica

Annual.

Remarkably handsome climbing annuals, bearing ornamental orange-colored fruit. Pkt. 10c.; large pkt. 30c.; oz. 85c.

DOUBLE BALSAM

Lady's Slipper

Annuals. 2 ft.

An old and popular garden flower of easy culture. Gorgeous masses of brilliantly colored, double flowers.

Camellia-flowered, Choicest Mixed. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

Double Bush Flowered. Choice mixed. Pkt. 15c.; large pkt. 60c.; ¼ oz. \$1.25.

BAPTISIA - False Indigo

Perennial. 3 ft.

Australis. A strong-growing plant. Dark green, deeply cut foliage and spikes of dark blue, pea-shaped flowers. June and July. Pkt. 10c.; large pkt. 50c.

BLUE LACE FLOWER

See Didiscus, page 11.

BEGONIA GRACILIS

Greenhouse or House Plants. 12 in.

Carmen. Bright pink. Bronze foliage. Pkt. 35c.; large pkt. \$1.25.

Indian Maid. Bright, deep scarlet flowers and dark bronze foliage. Pkt. 25c.; large pkt. \$1.25.

Prima Donna. Rose, shading to carmine. Pkt. 25c.; large pkt. \$1.25.

White Pearl. Lovely white variety. Pkt. 25c.; large pkt. \$1.25.

BEGONIA SEMPERFLORENS

The following varieties are unsurpassed for bedding plants, thriving equally well in partially shaded or sunny locations. As pot-plants for winter flowering, they are superb.

Darling. Plants are ball-shaped, of dwarf habit, growing about 8 inches high. Flowers large and of a brilliant carmine-rose. Most effective for beds and borders. Pkt. 35c.; large pkt. \$1.00.

Christmas Cheer. Flowers bright crimson-scarlet and produced in immense quantities; fine for Christmas forcing. Pkt. 25c.; large pkt. \$1.25.

Choice Mixed. All colors. Pkt. 25c.; large pkt. \$1.25.

CALLIOPSIS

Annuals. 12 to 24 in.

Showy and easily grown annuals. Perfect little bushes which are a mass of bloom from early summer until cut down by frost. Excellent for cutting.

Golden Crest. Color rich orange-yellow or gold with brown center. Many of the flowers have a double row of petals. Free flowering, with stems 1 foot long. Excellent for cutting, and has a pleasing fragrance. Pkt. 15c.; large pkt. 30c.; oz. \$1.00.

Tall Varieties, Mixed. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Dwarf Varieties, Mixed. Pkt. 10c.; large pkt. 25c.; oz. 75c.

BEGONIA, TUBEROUS-ROOTED

These are very popular because they are of easy culture and extremely showy. Thrive in semi-shady situations.

Single, Choice Mixed. Pkt. 35c.; large pkt. \$1.75.

Double, Choice Mixed. Pkt. 50c.; large pkt. \$1.75.

BEAN, RUNNER

10 to 15 ft.

Scarlet. A rapid climber, flowering profusely. Pkt. 15c.; ½ lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

BRACHYCOME

Annual. 12 in

Choice Mixed. Swan River Daisy. Free-flowering, dwarf-growing; covered during the greater part of the summer with a profusion of dainty flowers. Pkt. 10c.; large pkt. 25c.

BROWALLIA

Annuals. 1 ½ ft.

A favorite bedding plant, producing beautiful flowers during the summer and autumn months.

Elata caerulea. Large, sky-blue flowers. Pkt. 10c.; large pkt. 30c.

Speciosa major. Most desirable variety as a pot or basket-plant. Rich blue flowers. Pkt. 25c.; large pkt. \$1.25.

Viscosa compacta, Sapphire. Large, dark blue flowers with white eyes. Pkt. 20c.; large pkt. 75c.

CACTUS

All Kinds, Mixed. Seed germinates irregularly over a period of 14 to 40 days. Pkt. 25c.; large pkt. 75c.

CALCEOLARIA

Greenhouse or House Plants. Heights vary

Excellent plants for decorating the greenhouse or conservatory, producing a mass of pocketbook-like flowers.

Mitchell's Ramona. This is a *Hybrida grandiflora nana* type. It is exceptionally free flowering, of dwarf, compact habit. The flowers are large, well shaped, and beautifully tigered, and the mixture contains a fine range of color in bronze, yellow, and red. Pkt. 50c.; large pkt. \$1.25.

Albert Kent Hybrids. Flowers medium size in large, graceful clusters in an excellent mixture. Pkt. 50c.; large pkt. 85c.

Hybrida grandiflora pumila compacta. Dwarf, compact grower, with immense trusses of large, self-colored and spotted flowers. 1 ft. Pkt. 25c.; large pkt. 85c.



Balsam, Double Bush Flowered



Aquilegia, Crimson Star

AQUILEGIA - Columbine

Perennials. 2 to 3 ft.

These are among the most beautiful of spring and early summer flowers. Very effective in the herbaceous border and among shrubbery. Graceful spurred flowers above the fernlike foliage.

Select Long-Spurred Aquilegias

The finest types. The free-flowering plants are of strong, robust growth.

Copper Queen. Lovely deep copper, with long spurs of deeper blue.

Crimson Star. Crimson and white.

Longissima. The most beautiful Long-spurred Aquilegia. The flowers are of striking formation, with deep yellow petals, paler yellow sepals and spurs 4 to 5 inches or more in length. Pkt. 25c.; large pkt. \$1.00.

Blue Shades.

Orange and Scarlet Shades.

Pink and Rose Shades.

Snow Queen. Pure white.

Mrs. Scott Elliott's Select Strain. Choice mixed.

Any of above, pkt. 25c.; large pkt. 75c. except as noted

Hybrids. Mixed colors. Pkt. 10c.; large pkt. 60c.

Standard Varieties

***Alpina.** Blue and white. Fine for rock-gardens. 1 ½ ft. Pkt. 10c.; large pkt. 50c.

Caerulea. Rocky Mountain Columbine. Large, violet-blue and white flowers. Pkt. 10c.; large pkt. 50c.

Californica hybrida, Mixed. Principally yellow and orange shades. Long spurs. Pkt. 10c.; large pkt. 50c.

Canadensis. The scarlet and yellow native species. Pkt. 10c.; large pkt. 50c.

Double, Mixed. All colors. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

Single, Mixed. All colors. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

Plant Carnations for clean fragrance



Calendula, Pacific Beauties

CALENDULA · Pot Marigolds

Hardy Annuals. 12 to 18 in.
Free-flowering and easily grown.

Pacific Beauties. The colors range from pale lemon-yellow-buff to deep orange, making the flowers very attractive. Excellent for cutting. Splendid mixture. Pkt. 25c.; large pkt. 60c.

Sunbeams. Blending of many delightful shades and color combinations, from pale cream to deep orange. Pkt. 25c.; large pkt. 60c.; ¼ oz. \$1.00.

Orange Shaggy. Petals long and distinctly fringed or lacinated; color deep orange, shading to slightly lighter orange in center of blooms. Stems long. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

Campfire (Sensation). Fine orange variety, with a scarlet sheen and full yellow center. Pkt. 15c.; large pkt. 60c.; oz. \$2.50.

Chrysantha (Sunshine). The large, double clear buttercup-yellow flowers bear a striking resemblance to a chrysanthemum. Pkt. 15c.; large pkt. 30c.; oz. \$1.00.

Michell's Special Forcing, Orange. Pkt. 15c.; large pkt. 50c.; oz. \$1.25.

Ball Lemon Queen. Medium deep yellow, with an attractive dark brown center. Pkt. 15c.; large pkt. 60c.; oz. \$2.50.

Ball Orange. Bright, glowing orange. Pkt. 15c.; large pkt. 60c.; oz. \$2.50.

Lemon King. Lemon-yellow. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

Orange King. Rich dark orange. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

Mixed Colors. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

CAMPANULA

Annual Single Variety. 2 to 2½ ft.

New varieties which bloom from seed in less than six months. Each plant produces from 6 to 8 spikes of bloom.

Choice Mixture. Single. Blue, pink, and white shades. Pkt. 15c.; large pkt. 25c.

CAMPANULA MEDIUM

Canterbury Bells

Hardy Biennials. 3 ft.

Showy with large, bell-shaped flowers. Sow from June 1 till September 1 and when strong enough transplant to a distance of 6 inches apart. They flower the following summer, after which they die.

Single Blue **Single White**
Single Pink **Single Mixed**
Any of above, pkt. 10c.; large pkt. 25c.;
oz. \$1.00

CAMPANULA MEDIUM CALYCANHEMA

Cup-and-Saucer Canterbury Bells

These produce beautiful, large, single flowers resembling a cup and saucer.

Blue **Pink**
Lilac **White**
Mixed
Any of above, pkt. 10c.; large pkt. 50c.;
¼ oz. \$60.

Double Mixed. Pkt. 10c.; large pkt. 40c.

MISCELLANEOUS CAMPANULAS

The taller sorts are splendid for cut-flowers and most decorative; the dwarf sorts make excellent border plants.

★**Carpatica, Blue.** Dwarf; 6 in. Pkt. 10c.; large pkt. 40c.

★**Carpatica, White.** Dwarf; 6 in. Pkt. 10c.; large pkt. 40c.

Persicifolia grandiflora, Blue. Grows 3 to 4 feet high and produces large, bell-shaped flowers. Pkt. 15c.; large pkt. 60c.

Persicifolia, Telham Beauty. Large China Blue bells. 2½ ft. Pkt. 35c.; large pkt. \$1.00.

Persicifolia grandiflora alba. White. Pkt. 15c.; large pkt. 60c.

Pyramidalis, Mixed. Chimney Bellflower. 5 ft. Pkt. 10c.; large pkt. 40c.

CARNATION

Annual Varieties.

These are general favorites for their richness of color and delightful fragrance.

Michell's Marguerite, Giant-Flowering, All-Double, Mixed. This is an extra-selected strain in a range of 15 to 20 colors. The flowers are large, fully double, and very freely borne. Plants are of stocky upright growth, excellent for cutting. Pkt. 25c.; large pkt. 75c.

GIANT ENFANT DE NICE. Annual 20 inches high. The result of a cross between Chabaud's Giant and Perpetual. Plants are of robust habit, with long stems, producing flowers from 2½ to 3 inches in diameter.

Red. Blood-red.
Rose. Deep rose.
Salmon. Light.
White.
Mixed.

Any of above, pkt. 25c.; large pkt. 75c.

Rasse Teicher Strain, Mixed. A new European variety, producing large blooms in a fine range of colors. Choice mixture. Pkt. 25c.; large pkt. \$1.00.

Chabaud's Giant

Blooms in five months after seed is sown and continues to bloom throughout the summer. Flowers of fine substance and usually come 90 per cent double.

Jeanne Dionis. Pure white.

Marie Chabaud. Yellow.

Sparkler. Brilliant cardinal-red.

The Pearl. Beautiful rose-pink.

Choice Mixed.

Any of above, pkt. 15c.; large pkt. 60c.

Marguerite Carnations

These will bloom in four months after sowing the seed. The flowers are large, fragrant, and are produced continuously.

Choice Mixed. Pkt. 10c.; large pkt. 40c.; oz. \$2.00.

CARNATIONS

Perennial Varieties.

GRENA DIN. The Grenadin Carnation is an excellent early-blooming, large-flowering type. Fine for cut-flowers.

Black King. A fine dark red.

Cardinal. Brilliant scarlet.

Triumph Pink. Pure rose-pink.

White. Snow-white.

White Gold. Soft yellow.

Mixed.

Any of above, pkt. 25c.; large pkt. 75c.

CANDYTUFT · Iberis

Hardy Annuals. 6 to 18 in.

Dwarf, profuse-flowering garden annuals of easy culture and useful for bedding or borders. Bloom within 8 weeks after sowing.

Michell's Giant White. Immense, pure white spikes of bloom. Fine for forcing under glass for cutting and for pot culture. Pkt. 10c.; large pkt. 30c.; oz. \$1.10.

Carmine.

Crimson.

Empress (Hyacinth-Flowered). An excellent variety. Long trusses of white flowers.

Lavender.

Pink.

Purple. Deep rich purple.

Rose-Cardinal. Rosy red.

Choice Mixed. All colors.

Any of above, pkt. 10c.; large pkt. 25c.; oz. 75c.

★**Gibraltarica.** Perennial. Flowers lilac, shading to white. Pkt. 10c.; large pkt. 40c.

★**Sempervirens.** Dwarf spring-flowering perennial. Flowers glistening white. Fine for rockeries. 1 ft. May. Pkt. 10c.; large pkt. 60c.

CANARY BIRD VINE

Tropaeolum canariense

Annual. 10 to 15 ft.

One of the most charming annual climbers, bearing hundreds of pretty, fringed, bright yellow flowers. Good for shade. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

CARDINAL CLIMBER

Quamoclit hybrida Sloteri

Annual. 20 to 30 ft.

A rapid grower and free bloomer. Leaves dark green and deeply lacinated. Bears a profusion of fiery cardinal-red flowers. Pkt. 10c.; large pkt. 40c.; ¼ oz. \$1.25.

CASTER-OIL BEAN

See Ricinus, page 21.

CERASTIUM · Snow-in-Summer

Perennial. 6 in.
 ★**Tomentosum.** Dwarf, white-leaved edging plant with white flowers. Pkt. 10c.; large pkt. 40c.

CENTAUREA CYANUS

Cornflower; Bachelor's Button

Annuals. 2 ft.
 Also known as Blue Bottle, Ragged Sailor, Bluet, etc. An old favorite. Excellent for cutting.

MICHELL'S SUPER-GIANT STRAIN.
 This super strain is the last word in giant double Cornflowers.

Michell's Blue Bonnet. Improved Blue Boy. A superior strain with large, deep blue, very double flowers. Pkt. 15c.; large pkt. 40c.; oz. \$1.00.

Blue Boy. Deep cornflower-blue.

Pinkie. Clear deep pink.

Red Boy. The best deep red.

Snowman. Pure white.

Choice Mixture.

Any of above, pkt. 10c.; large pkt. 25c.; oz. 75c.

Jubilee Gem. This new dwarf type is very free flowering. Fine for pots or borders. Pkt. 15c.; large pkt. 50c.; oz. \$1.50.

CENTAUREA IMPERIALIS

Giant Cornflower; Sweet Sultan

Annuals. 2 to 3 ft.

Lavender Beauty. Large flowers, 3 to 3½ inches across. Easily grown; excellent for cutting.

Deep Rose

White

Lavender

Yellow (Suaveolens)

Purple

Choice Mixed

Any of above, pkt. 10c.; large pkt. 25c.; oz. \$1.10



Centaurea imperialis

WHITE-LEAVED CENTAUREA

Dusty Miller

Grown for their silvery foliage and used as edging plants and in hanging-baskets.

Candidissima. Broad cut leaves of silvery gray. Pkt. 10c.; large pkt. 50c.

Gymnocarpa. Fine cut silvery gray foliage. Pkt. 10c.; large pkt. 25c.

VARIOUS CENTAUREAS

Americana. Handsome *annual*; large, thistle-like blooms of rosy lavender. 3 ft. Pkt. 10c.; large pkt. 25c.

Americana alba. Pure white. Pkt. 10c.; large pkt. 25c.

Montana. *Perennial.* Large; cornflower-blue. Pkt. 10c.; large pkt. 40c.

CELOSIA CRISTATA

Crested Cockscomb

Annuals. 2 to 3 ft.

Very desirable annuals of easy culture, producing large, brilliant, comblike heads.

Gilbert's Maple Gold. This new type grows 2 to 3 feet high, of good branching habit, each stem terminating in a lovely ball-shape cluster head that varies in size from small to 10 inches in diameter. The maple-pink heads vary in color from light to dark pink tipped with gold. Excellent for cutting and can be dried for winter bouquets. Pkt. 25c.; large pkt. 75c.

Royal Velvet. *All-America Winner.* Early-blooming, basal-branching Cockscomb type. Extra-large center head of rich ruby-red with velvety texture, surrounded by numerous erect branches mounted with medium-sized combs. Plants are 2 feet high, excellent for cutting. Pkt. 25c.; large pkt. 75c.

Giant Empress. Dwarf. Rich crimson. Pkt. 10c.; large pkt. 50c.

Choice Mixed. Dwarf varieties. Pkt. 10c.; large pkt. 40c.; ¼oz. 85c.

CELOSIA PLUMOSA

Feathered Cockscomb

Annuals. 2 ft.

An excellent decorative plant for the garden. The feathery plumes are produced on long stems and are fine for cutting.

Fiery Feather (Lilliput). Ostrich Plume Cockscomb. Extra select dwarf strain; brilliant orange-red, fine for pots. Pkt. 25c.; large pkt. 75c.

Golden Feather (Lilliput). Ostrich Plume Cockscomb. Same type as above, with bright golden yellow flowers. Pkt. 25c.; large pkt. 75c.

Golden Plume. Bright golden yellow plumes. Pkt. 10c.; large pkt. 40c.

Heatherdell. Great trusses of feathered and interlaced plumes, in a fine range of red, pink, and yellow shades. Specially adapted for pot culture. Pkt. 25c.; large pkt. 75c.

Pride of Castle Gould, Mixed. Immense flower-heads that closely resemble ostrich plumes. Choice mixed. Pkt. 15c.; large pkt. 60c.

Scarlet Plume. Pkt. 10c.; large pkt. 40c.

Choicest Mixed. All colors. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.



Celosia, Fiery Feather

CHINESE WOOLFLOWER

Celosia Childsi

Annuals. 2½ ft.

Very effective for beds and borders. Ball-shaped flowers, resembling silky wool.

Crimson. **Pink.**

Choice Mixed.

Any of above, pkt. 10c.; large pkt. 50c.

CHEIRANTHUS

Annual. 18 in.

★**Allioni.** Siberian Wallflower. Orange flowers. Pkt. 10c.; large pkt. 25c.

CINERARIA

1 to 3 ft.

Most ornamental plants for conservatory or house decoration. Seed may be sown from May to September for a succession. Our strains cannot be surpassed.

Cremer's Prize Strain

Wilt-Resistant

This excellent new strain is the result of a cross between *Multiflora nana*, *Hybrida grandiflora*, and *Stellata*. The flowers are larger than *Multiflora*. Plants very compact in habit, with small leaves. Choice mixed colors. Original large pkts. only, \$2.00 each.

Multiflora Grandiflora Maxima

Flowers measure 2 to 3 inches in diameter and produce 100 blooms and over to a plant. Mixed colors only. Pkt. 50c.; large pkt. 85c.

Multiflora Nana

Berlin Market Strain

Very dwarf and compact. Flowers of large size, produced in great profusion and in a range of the best colors and shades.

Mixed Colors. Pkt. 50c.; large pkt. 85c.

White-Leaved Cineraria

Dusty Miller

Maritima candidissima. Silvery green, lacinated foliage. Good for edging. Pkt. 10c.; large pkt. 25c.



Chrysanthemums, Carinatum, Merry Mixture

CHRYSANTHEMUMS

Annuals. 1½ ft.
Exquisitely colored, daisy-like flowers.

Carinatum, Merry Mixture. An improved mixture of the single annual Painted Daisy in a wider choice of bright colors. Produces quantities of flowers on good cutting stems.

Single, Mixed. Pkt. 10c.; large pkt. 30c.; ¼oz. 75c.; oz. \$2.00.

Perennials.

Korean Hybrids. Single and semi-double type in a fine color-range. Excellent for cutting. Pkt. 25c.; large pkt. \$1.25.

Shasta Daisy, Alaska. Extra-large flowers of pure glistening white. 2 ft. Pkt. 10c.; large pkt. 40c.

Shasta Daisy, Conqueror. Giant, single, pure white flowers. Pkt. 10c.; large pkt. 40c.

Shasta Daisy, New Giant Double White. *Novelty.* Fine for cutting. Flowers extra large. Pkt. 25c.; large pkt. 75c.

CLARKIA ELEGANS

Annuals. 18 in.
Popular; of easy culture and much used for cutting, both indoors and out.

Double, Salmon Queen. Brilliant salmon.

Double, Scarlet Queen. Fiery scarlet.

Double, White Prince. White.

Any of above, pkt. 10c.; large pkt. 40c.

Double, Mixed. All colors. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

CLEOME · Spiderflower

Hardy Annual. 3 to 4 ft.

Giant Pink Queen. *Silver Medal, All-America Selection.* Huge trusses of bright salmon-pink top the long stems of this distinctly novel plant. This Cleome is easily grown from seed planted directly in the border or garden. Pkt. 25c.; large pkt. 75c.

COCKSCOMB

See Celosia, page 9.

COBAEA SCANDENS

Cup-and-Saucer Vine

Annual. 30 to 50 ft.

Well-known climber of rapid growth, producing large, bell-shaped blooms. In sowing, place the seeds edgewise and merely cover with light soil.

Purple. Pkt. 10c.; large pkt. 40c.; ¼oz. 75c.

COLEUS, LARGE-LEAVED VARIETIES

1 to 3 ft.

Popular bedding plants with beautifully colored foliage. Easily grown from seed.

Glory of Vichy. A beautiful mixture of apricot, bronze, pink and cream shades. A really fine strain with splendid form. Pkt. 35c.; large pkt. \$1.25; 1/16oz. \$3.50; 1/8oz. \$5.50.

Rainbow Mixed. An excellent mixture. Pkt. 35c.; large pkt. \$1.00; 1/8oz. \$4.00.

Choice Mixture. Pkt. 25c.; large pkt. 75c.; 1/8oz. \$2.50.

COSMOS

Hardy Annuals. 2½ to 6 ft.

One of the most beautiful and useful of hardy annuals, producing large, showy flowers in great profusion. Excellent for cutting.

Radiance, (Bodger.) New. Silver Medal, All-America Selections. Top award winner. A striking color combination never before seen in Sensation Cosmos: deep rose petals overlaid with a large, well-defined zone of rich crimson, the first bicolor Cosmos ever to be developed. Destined for immediate popularity in the nation's gardens, it is first postwar novelty. Pkt. 25c.; large pkt. 60c.; ¼oz. \$1.00.

Yellow Flare. *Silver Medal, All-America Selections.* Similar to the original Orange Flare, except in color, which is a very rich golden yellow. Grows 3 to 4 feet tall. Pkt. 15c.; large pkt. 40c.; ¼oz. 60c.

Semi-Double, Orange Ruffles. A semi-double form of the ever-popular Orange Flare. The extra two or three rows of petals add immensely to the butterfly-like beauty of the richly colored orange bloom. Plants are from ten days to two weeks earlier blooming than Orange Flare. Pkt. 15c.; large pkt. 40c.; ¼oz. 60c.

Double Early Sensation, Mixed. Flowers are equally as large as the regular single Sensation. Two types—fluted and crested. The crested type has a large 2-inch crested center and the fluted are so double they resemble a camellia. Available in mixture only of White, Pink, and Crimson. Pkt. 25c.; large pkt. 60c.

Giant Single Sensation

6 ft.

A mammoth early-flowering variety, coming into bloom in about 10 weeks from time of sowing.

Cardinal. New crimson color.

Pinkie. Light pink.

Purity. Pure white.

Any of above, pkt. 15c.; large pkt. 50c.

Mixed. Pkt. 15c.; large pkt. 40c.; 1/2oz. 75c.

Double Early-Flowering

This new early-flowering strain will begin blooming in July and continue until frost.

Mixed. Pkt. 25c.; large pkt. 50c.

Single Orange Flare

In full bloom in less than four months from sowing. Color, vivid orange. Pkt. 10c.; large pkt. 25c.; oz. \$1.10.

Double Late-Flowering Crested

These are becoming more popular each season. Excellent for cutting.

Mixed. Pkt. 15c.; large pkt. 50c.

Large Early-Flowering Single

4 ft.

Crimson Pink White

Any of above, pkt. 10c.; large pkt. 25c.; oz. 90c.

Mixed. Pkt. 10c.; large pkt. 25c.; oz. 90c.

Single Late-Flowering

5 to 6 ft.

Large flowers of perfect form on long stems and lasting until frost.

Giant Crimson

Giant Pink (Lady Lenox)

Giant White (White Lady)

Giant Mixed

Any of above, pkt. 10c.; large pkt. 25c.; oz. 75c.

CYCLAMEN

Attractive winter plant for the window and greenhouse. The flowers are beautiful and the foliage is ornamental.

Michell's Giant Show, Mixed. Grown for us by a specialist who has received numerous first prizes for the large size and beautiful coloring of the flowers. All colors. Pkt. 40c.; 100 seeds \$2.50.

CONVOLVULUS · Morning-Glory

Annuals. 6 in. to 10 ft.

Dwarf Royal Ensign. Deep, bright ultramarine-blue. The deepest and brightest color of all blue annuals. Used for edging borders. 6 in. Pkt. 15c.; large pkt. 40c.; ¼oz. \$1.00.

Imperial. Tall or climbing. Flowers of immense size and of a great variety of colors. Pkt. 10c.; oz. 30c.

COREOPSIS

Perennials. 3 ft.

One of our most popular perennials. The attractive flowers are borne in great profusion and are excellent for cutting.

Lanceolata grandiflora. Single golden yellow flowers of graceful form. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Lanceolata grandiflora fl.-pl. Double-flowering Coreopsis. Similar in habit to the above. Flowers double and semi-double. Splendid for cutting. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

Mayfield Giant. Extra-large flowers. Plants tall and of vigorous growth. Pkt. 10c.; large pkt. 30c.; oz. \$1.10.

CYNOGLOSSUM

Chinese Forget-me-not

Annuals. 15 to 24 in.

Firmament. *All-America Winner.* New, dwarf, compact type, 15 inches tall. Color deep ultramarine-blue. Excellent as a cut-flower. Pkt. 25c.; large pkt. 40c.

Amabile. Of easy culture, producing sprays of intense blue, forget-me-not-like flowers which are very fragrant. 2 ft. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Delphiniums command the hardy border

CYPRESS VINE

Ipomoea Quamoclit

Annual. 15 ft.
Mixed. A very graceful, twining, annual climber, with delicate fernlike foliage. Seed should be soaked for a few hours in warm water before sowing. Pkt. 10c.; large pkt. 40c.; ¼ oz. \$1.00.

DAHLIAS FROM SEED

Annuals.

There is no more fascinating flower to raise from seed than the Dahlia.

Single-Flowering

Coltness Hybrids, Mixed. Choice mixed colors. Pkt. 25c.; large pkt. 50c.

Giant Perfection, Mixed. Immense, single flowers of various colors and shades. Pkt. 10c.; large pkt. 40c.

Double-Flowering

Unwin's Dwarf Hybrids, Mixed. Miniature, early-flowering, semi-double hybrids. A wide range of colors. Pkt. 25c.; large pkt. 60c.

California Giants, Mixed. A selection from named varieties, grown by a celebrated producer in California. Pkt. 50c.; large pkt. \$1.25.

Cactus, Mixed. Choice mixture of the best varieties. Pkt. 10c.; large pkt. \$1.00.

Large-Flowering, Mixed. (Show type.) Extra fine. Pkt. 10c.; large pkt. 75c.

DAISY, DOUBLE ENGLISH

Bellis perennis

Biennials. 6 in.

The *Monstrosa* varieties surpass all other strains in their strong, robust growth and extra-large, double flowers.

★ **Monstrosa, Crimson Ball.**

★ **Monstrosa, Pink.**

★ **Monstrosa, White.**

★ **Monstrosa, Mixed.**

Any of above, pkt. 25c.; large pkt. 75c.

Double Mixed. A fine mixture. Pkt. 10c.; large pkt. 60c.



Dahlia, Unwin's Dwarf Hybrids, Mixed

DATURA - Angel's Trumpet

Annual.

Wrightii. Giant trumpets that open soft rose-lavender, gradually becoming white. Free flowering. Pkt. 10c.; large pkt. 40c.

DELPHINIUM

Hardy Larkspur

Perennials.

3 to 6 ft.

New Giant Pacific Hybrids

This splendid new strain is, without doubt, the finest in existence. The spikes are strong and closely set, and the flowers are as large as a silver dollar. It is practically immune from mildew, and is proving a splendid variety for cut-flower purposes. We offer the originator's stock seed only.

Black Knight Series. Darkest of them all.

Blue Bird. Medium blue, white bee.

Bluejay Series. True blue.

Cameliard Series. Pure lavender self tone with white bee.

Galahad Series. Pure white.

Guinevere Series. Light pink-lavender.

King Arthur Series. Royal purple.

Round Table Series. Various color combinations.

Summer Skies Series. Clear light blue.

White Majesty.

Any of above, pkt. 50c.; large pkt. \$1.75

Dark Blue Shades.

Light Blue Shades.

Pastel Shades.

Mixed.

Any of above, pkt. 50c.; large pkt. \$1.50

Blackmore & Langdon's Imported Strain, Mixed. A selected English variety. Immense spikes of very large flowers. Choice mixture of colors. Pkt. 25c.; large pkt. 75c.

English Hollyhock, Watkin Samuels' Wrexham Strain, Selected Mixture. Immense spikes. The finest large-flowered type to date. Pkt. 50c.; large pkt. 75c.; ½ oz. \$1.00.

Belladonna, Lamartine. Deep bright marine-blue with white eye. Outstanding for color and cut-flower habit. Pkt. 25c.; large pkt. 75c.

Belladonna, Improved. One of the most continuous-blooming varieties. Immense spikes of clear turquoise-blue flowers. 5 ft. Pkt. 25c.; large pkt. 60c.

Bellamosum, Improved. A rich, deep blue form of the popular light blue Belladonna. Pkt. 25c.; large pkt. 60c.

Cardinale. Very large, scarlet flowers. 3 to 4 ft. (Seed of slow germination.) Pkt. 25c.; large pkt. 60c.

Gold Medal Hybrids, Mixed. Produces long spikes of large flowers. An extra-fine strain containing many shades of blue. Pkt. 10c.; large pkt. 50c.; oz. \$2.50.

DELPHINIUM

Annuals.

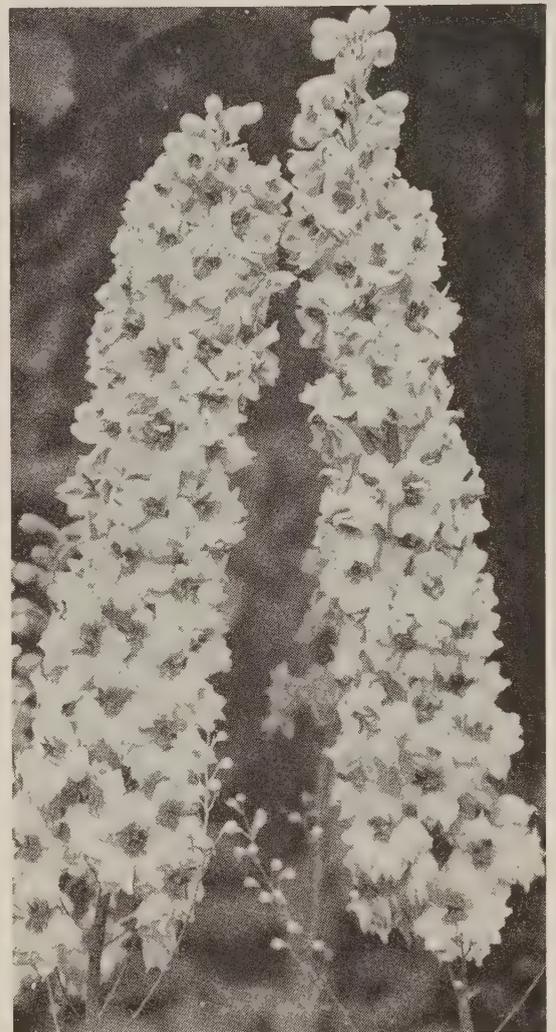
Blue Butterfly. Exquisite deep blue. Pkt. 15c.; large pkt. 40c.; oz. \$1.75.

Cambridge Blue. Azure-blue. 3 ft. Pkt. 15c.; large pkt. 60c.; oz. \$3.00.

Grandiflorum album. A strain with sprays of pure white flowers. 3 ft. Pkt. 10c.; large pkt. 40c.; oz. \$1.75.

Liberty Larkspur. Dark blue. 3 ft. Pkt. 15c.; large pkt. 40c.; oz. \$1.75.

Chinensis, Finest Mixed. 3 ft. Pkt. 10c.; large pkt. 40c.; oz. \$1.75.



Delphinium, Galahad Series

DICTAMNUS - Gas Plant

Perennial.

2½ ft.

Fraxinella. Showy, bushy plants with purple-red flowers. June, July. Pkt. 10c.; large pkt. 50c.

DIDISCUS

Annual.

18 in.

Cærulea. Blue Lace Flower. Improved strain. Easily grown; becoming very popular. Attractive, umbel-shaped flowers of lacelike appearance. Delicate azure-blue. Excellent for cutting. Pkt. 10c.; large pkt. 30c.

DIGITALIS - Foxglove

Hardy Biennials.

4 to 5 ft.

Ornamental hardy plants, succeeding almost anywhere. Long spikes of beautiful, tubular-shaped flowers.

Giant Shirley, Mixed. Enormous spikes of flowers.

Purpurea gloxiniaeflora, Pink

Purpurea gloxiniaeflora, Purple.

Purpurea gloxiniaeflora, White

Purpurea gloxiniaeflora, Mixed

Grandiflora. Light yellow.

Any of above, pkt. 10c.; large pkt. 40c.

Purpurea monstrosa. Mammoth spikes; various colors. Pkt. 15c.; large pkt. 40c.



Dianthus, Clove-Scented, Mixed

DUSTY MILLER

See Centaurea and Cineraria, page 9.

DIANTHUS · Pinks

Easily raised from seed. Flower abundantly and continuously until frost.

Sweet Wivelsfield

This annual is a hybrid. Seed started indoors in January and planted out in April will commence to flower in May, blooming profusely all summer in a great variation of colors. Pkt. 15c.; large pkt. 30c.

Double Annual.

Chinensis, Mixed. China or India Pink. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

Fringed, Mixed. Large flowers. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

Mixed. Choice colors. Pkt. 10c.; large pkt. 30c.; oz. \$2.00.

Single Annual.

New Single Improved Gaiety. An excellent large-flowered type with well-fringed flowers in a brilliant mixture of colors. Pkt. 15c.; large pkt. 40c.; oz. \$2.00.

Heddensis, Westwood Beauty. Flowers single, 1½ to 2¼ inches, deeply lacinated. The color is somewhat variable in shades of crimson and scarlet, some having attractive white edgings. Average height 16 inches. We believe this new Dianthus will become a garden favorite. *Honorable Mention. All-America Selections.* Pkt. 25c.; large pkt. 50c.; oz. \$2.00.

Heddensis, Finest Mixed. The All-America Award winner Westwood Beauty is now offered in the full range of Dianthus colors. Well-formed, 2-inch flowers on long 16-inch stems, fine for cutting. Pkt. 25c.; large pkt. 50c.; oz. \$2.50.

Mixed. All colors. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

DIANTHUS Hardy Garden Pinks

Perennials.

★**Cæsius.** Cheddar Pink. Produces masses of pink flowers. Fine for rockeries. Pkt. 10c.; large pkt. 50c.

Clove-scented, Mixed. Double and semi-double varieties in beautiful colors; fragrant. Pkt. 10c.; large pkt. 50c.

★**Deltoides, Brilliant.** Maiden Pink. Dwarf; brilliant carmine. Pkt. 15c.; large pkt. 50c.

Double Scotch, Mixed. Choice colors. Pkt. 10c.; large pkt. 50c.

Latifolius atrococcineus fl.-pl. Ever-blooming Hybrid Sweet William. Free flowering; velvety crimson-scarlet; double. Pkt. 10c.; large pkt. 50c.

Pheasant's Eye, Mixed. Single fringed flowers. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

★**Rock-Garden Species.** A special mixture of 25 rare varieties well adapted for rock-gardens. Pkt. 25c.; large pkt. 75c.

DIMORPHOTHECA African Daisy

Annuals. 12 in.

Aurantiaca. Bushy plants with orange-gold, daisy-like blooms on long stems. Pkt. 10c.; large pkt. 30c.; oz. \$2.00.

Aurantiaca Hybrids, Mixed. A fine mixture of colors and shades. Pkt. 10c.; large pkt. 30c.; oz. \$2.00.

DOLICHOS · Hyacinth Bean

Annual. 10 ft.

Lablab, Mixed. Rapid-growing climber bearing a profusion of purple or white bean-like flowers. Excellent for arbors, trellises etc. Pkt. 10c.; oz. 40c.

DORONICUM CAUCASICUM

Perennial. 2 ft.

Yellow, daisy-like flowers. Seed germinates slowly. Pkt. 25c.; large pkt. \$1.25.

DRACAENA

Ornamental plants for vases or conservatory decoration.

Indivisa. Narrow green leaves. Pkt. 10c.; large pkt. 25c.; oz. 75c.

ESCHSCHOLTZIA

California Poppy

Hardy Annuals. 1 ft.

Elegant, with fine-cut foliage and large, Poppy-like flowers from June until frost. Fine for borders or large beds.

Californica. Pure yellow.

Choice Mixed.

Either of above, pkt. 10c.; large pkt. 25c.; oz. 75c.

EUPHORBIA

Annuals. 2 to 3 ft.

Suitable for beds of tall-growing plants or mixed borders. Showy ornamental foliage.

Heterophylla. Mexican Fire-Plant. Glossy green leaves turning to orange-scarlet in midseason. Pkt. 10c.; large pkt. 25c.; oz. \$2.00.

Variegata. Snow-on-the-Mountain. Foliage veined and margined with white. Pkt. 10c.; large pkt. 25c.; oz. 75c.

EVERLASTING FLOWERS

These should be grown in every garden, not only for summer blooming, but also as dried cut-flowers for winter decoration.

ACROCLINIUM

Annual. 1 to 3 ft.

Showy and free-flowering. Excellent for cutting.

Sensation Giants. An improved strain that grows 6 to 8 inches taller. Each flower is full double and will average 3 inches across. The colors range from medium rose to light pink shades. Pkt. 15c.; large pkt. 60c.

GOMPHRENA · Globe Amaranth

Annuals. 18 to 24 in.

Also called "Bachelor's Buttons." A showy Everlasting.

Globosa. Red-purple. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

Mixed. All colors. 2 ft. Pkt. 10c.; large pkt. 25c.

HELICHRYSUM MONSTROSUM STRAWFLOWER

Annuals. 4 ft.

One of the best and most popular of the Everlastings. Large, double blooms.

Buttercup-Yellow. Canary-yellow.

Fireball. Crimson.

Golden Ball. Golden yellow.

Rose-Carmine.

Rose Queen. Immense flowers of a rich deep rose.

Silver Ball. White.

Violet.

Choice Mixed.

Any of above, pkt. 10c.; large pkt. 25c.; oz. \$1.75

FEVERFEW

See Matricaria, page 15.

FLOWERING TOBACCO

See Nicotiana, page 15.

FOUR O'CLOCK

See Marvel of Peru, page 15.

FOXGLOVE

See Digitalis, page 11.



Helichrysum (Strawflower)



Gaillardia Double Annual, Mixed

GAILLARDIA · Blanket Flower

Annuals. 15 to 18 in.

Lovely showy annuals for beds or borders. Excellent for cutting. Blooms continuously from early summer until November.

Indian Chief. Single; brilliant bronzy red.
Double Annual, Mixed (*G. picta* Lorenziana).

Single Annual, Mixed (*G. picta*).

Any of above, pkt. 10c.; large pkt. 25c.; oz. \$1.25

Perennials. 2 ft.

One of the most showy hardy perennials, blooming the first year from seed if sown early.

★**Grandiflora, Monarch Strain.** Giant flowers in an exquisite mixture. Pkt. 15c.; large pkt. 50c.

Grandiflora, Goblin. Dwarf, compact variety especially suited for the rock-garden. The plants attain a height of 12 to 15 inches, covered with large, showy, deep red flowers. Pkt. 25c.; large pkt. 75c.

Grandiflora, Portola Hybrids. Flowers of immense size, ranging through shades of bronzy red with golden-tipped petals. Pkt. 15c.; large pkt. 50c.

Grandiflora, Tangerine. Giant orange flowers, overlaid with red. Pkt. 25c.; large pkt. 50c.

Grandiflora superba, Mixed. Pkt. 10c.; large pkt. 40c.; oz. 75c.

GERANIUM

Heights vary

Zonale, Mixed. Single. Pkt. 10c.; large pkt. \$1.00.

GERBERA · Transvaal Daisy

18 in.

Jamesoni Hybrids, Mixed. Excellent greenhouse perennials with large, fine-leaved, daisy-like flowers. These hybrids include a wonderful range of brilliant colors and shades. Pkt. 25c.; 100 seeds, 75c.

GEUM

Perennials. 18 in.

Beautiful, hardy perennials bearing large, showy, double flowers all through the summer. Fine for bouquets.

Lady Stratheden. Golden yellow. Pkt. 25c.; large pkt. 60c.

Mrs. Bradshaw. Brilliant scarlet. Pkt. 15c.; large pkt. 60c.

Prince of Orange. True orange shade; large flowers. Pkt. 25c.; large pkt. 75c.

GLOXINIA

12 in.

Hybrida grandiflora. Excellent greenhouse plants with flowers of the richest colors. Our seed is saved from selected plants of a collection grown by a specialist. Pkt. 25c.; large pkt. 85c.

GODETIA · Satin Flower

Hardy Annuals.

Beautiful and easily grown annuals producing a profusion of flowers of satiny texture.

Exquisite Dwarf Single Mixed. Small pkt. 10c.; large pkt. 30c.; ¼oz. 75c.

GOMPHRENA · Globe Amaranth

See Everlastings, page 12.

GRASSES, ORNAMENTAL

Annual. 2 to 3 ft.

Coix Lacryma-Jobi. Job's Tears. A strong, broad-leaved ornamental grass with large, shining, pearly seeds. Pkt. 10c.; oz. 60c.

GREVILLEA · Silk Oak

Robusta. A beautiful and graceful decorative plant with fernlike foliage. Excellent for table decoration. Pkt. 10c.; large pkt. 40c.

GYPSOPHILA · Baby's Breath

Pretty, free-flowering plants of easy culture. Excellent for cutting to mix with other flowers.

Annuals. 1 to 2 ft.

Elegans alba grandiflora. True Paris Market Strain. A fine annual variety. Delicate sprays of pure white flowers. Pkt. 10c.; oz. 40c.; ¼lb. \$1.00.

Elegans carminea. Bright carmine-rose. Pkt. 10c.; oz. 75c.

Perennials.

Oldhamiana. Bright pink, fragrant flowers. 2½ ft. Pkt. 10c.; large pkt. 50c.

Paniculata. White flowers in graceful sprays. 3 ft. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Paniculata fl.-pl. A profusion of double white flowers coming 30 to 40 per cent true. 3 ft. Pkt. 20c.; large pkt. 75c.

★**Repens.** A pretty dwarf, trailing plant for the rockery. Tiny white flowers. 6 in. Pkt. 10c.; large pkt. 50c.

HARDY SWEET PEAS

See Lathyrus, page 15.

HELIANTHUS

See Sunflower, page 22.

GOURD, ORNAMENTAL

Annuals. 15 to 20 ft.

Rapid-growing, interesting climbers with ornamental foliage and singularly-shaped fruit.

Large Sorts, Mixed.

Small Sorts, Mixed.

Either of above, pkt. 10c.; large pkt. 25c.; oz. 75c.

HELICHRYSUM

See Everlastings, page 12.

HELIOTROPE

Annuals. 18 in.

A well-known and highly prized plant because of the delightful fragrance of the flowers. Fine for pots or bedding.

Regal, Mixed. Of dwarf, compact growth. Immense flowers. All shades. Pkt. 15c.; large pkt. 75c.

Choice Mixed. Pkt. 10c.; large pkt. 60c.

HEUCHERA

Perennials. 30 in.

Sanguinea splendens. Coral-Bells. Perennial. Bright vermilion blooms. Excellent for cutting.

Sanguinea hybrida, Choice Mixed. Identical to above, except in a mixture of shades.

Either of above, pkt. 15c.; large pkt. 75c.

HIBISCUS · Marshmallow

Perennials. 4 ft.

Flowers of enormous size, often 10 to 12 inches in diameter.

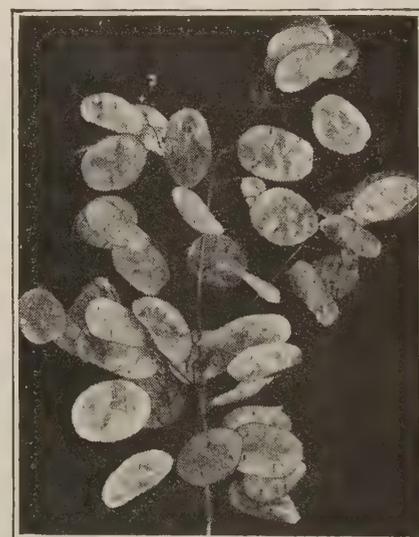
New Avalon Hybrids. An exceedingly diverse strain not only in flower form and color but in foliage and plant habit as well. Flowers are huge, and the color varies from the palest blush through pinks into vivid, rich red. Pkt. 25c.; large pkt. 75c.

Giant Choice Mixed. Pkt. 10c.; large pkt. 30c.

HONESTY · Lunaria; Moonwort

Hardy Biennial. 2 ft.

Biennis alba. Admired for its silvery seed-pods. Beautiful and curious. Pkt. 10c.; large pkt. 60c.



Honesty (Money Flower)

Try the All-America Winners

HUNNEMANNIA

Giant Yellow Tulip Poppy

Annuals. 12 in.

Seed sown outdoors in May produces large quantities of giant, Tulip-like flowers during latter part of July and continuing for the rest of the season.

Fumariæfolia. Giant yellow variety. Pkt. 10c.; large pkt. 25c.; oz. 85c.

Sunlite. All-America Winner. Semi-double; bright canary-yellow. Gray-green foliage. Pkt. 10c.; large pkt. 40c.; oz. \$2.00.

IMPATIENS

Annuals. 12 to 18 in.

A charming plant for house and conservatory decoration, flowering profusely and almost continuously.

Holsti. Flowers large, vermilion-red. Pkt. 20c.; large pkt. 75c.

Holsti, New Hybrids, Mixed. Choice mixed colors. Pkt. 15c.; large pkt. 75c.

Sultani Hybrids, Mixed. Various colors. Pkt. 15c.; large pkt. 75c.

IPOMOEA

Annuals. 12 ft.

Blue Star. Honorable Mention, All-America Selections, 1949. An entirely new color in Giant Morning-Glories, a distinct shade of clear sky-blue accentuated by the five deeper blue midribs that form an attractive star. A truly outstanding and most attractive shade. The flowers are of great size, being larger and earlier than the ever-popular Clarke's strain of Heavenly Blue. They average from 4 to 4¼ inches in diameter and are borne in great profusion. One of the most notable characteristics of this Morning-Glory is the fact that the flowers remain open well into the afternoon on cloudy days. Pkt. 25c.; large pkt. 75c.; ¼oz. \$1.25.

Pearly Gates. Silver Medal, All-America Selections. Lovely lustrous white flowers with creamy shading deep down in the throat; they average 4½ inches across. The fast-climbing vines are covered with blooms from the middle of summer until frost. Pkt. 15c.; large pkt. 60c.; ¼oz. 85c.

Scarlett O'Hara. All-America Winner. The blooms measure from 3 to 4 inches in diameter and are a vivid scarlet. Its first flowers will begin to appear in about sixty-five days from seed and remain open all day even in the warmest weather. Pkt. 15c.; large pkt. 40c.; ¼oz. 85c.

Clarke's New Early Improved Heavenly Blue Morning-Glory. Bright blue. Pkt. 15c.; large pkt. 40c.; oz. \$1.00.

Noctiflora. Moonflower. At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers. Pkt. 10c.; large pkt. 25c.; oz. 60c.

KOCHIA • Summer Cypress

Hardy Annual. 2 to 3 ft.

Childsi. Easily grown. Forms a cypress-like hedge with feathery green foliage that turns to a deep red color. Pkt. 10c.; large pkt. 25c.; oz. 75c.

LANTANA HYBRIDA

Annual. 2 ft.

Choice Mixed. An easy-to-grow bedding plant, bearing in great profusion verbena-like flower-heads in white, rose, orange, scarlet. Pkt. 10c.; large pkt. 40c.

LAVENDER • Lavandula vera

Hardy Perennial. 18 in.

Bears long spikes of fragrant blue flowers. Pkt. 10c.; large pkt. 50c.

LARKSPUR, PERENNIAL

See Delphinium, page 11.

ANNUAL LARKSPUR

Hardy Annuals. 3 ft.

Plants are of easy culture. Seed sown early in spring will produce blooming plants by July. Fernlike foliage and slender spikes with double rosette flowers. Fine for cutting or garden decoration.

New Supreme Strain

This new giant base-branching type has a much longer main spike, with larger flowers, fully double and more closely spaced on the main stem than existing types.

The following popular colors are available now:

Lilac Supreme. The best clear lilac to date.

Pink Supreme. Clear bright rose-pink.

Salmon Supreme. True salmon-pink.

White Supreme. Pure white.

Any of above, pkt. 25c.; large pkt. 60c.; oz. \$2.00



Annual Larkspur, New Supreme Strain

Giant Imperial Larkspur

Identical in branching habit with Giant Imperial Stock. Very double flower; strong growth.

Deep Carmine King Improved. New. A larger, more beautiful Carmine King which will hold its color under the most trying conditions.

Blue Bell. Clear light blue.

Blue Spire. An intense deep Oxford-blue.

Brilliant Rose. The finest rose-pink to date. An excellent variety for cutting.

Carmine King. Rich carmine.

Exquisite Rose. A beautiful shade of rose-pink.

Gloria. Fine deep rose.

Lilac King. A true lilac shade.

Lilac Queen. Rich lilac, shading lavender-blue.

Lilac Spire. Bright lilac.

Los Angeles. Rich salmon overlaid with brilliant rose.

Miss California. Pale shaded salmon.

Pink King. New. Soft warm salmon-rose.

Pink Perfection. Lively shade of light pink; large florets.

Sweet Lavender. Light lavender-blue.

White King. All-America Winner. Giant, pure white flowers on long spikes.

White Spire. A dazzling pure white.

Choice Mixed.

Any of above, pkt. 15c.; large pkt. 40c.; oz. \$1.60

Tall Double Stock-Flowered

Plants branch freely, bearing long spikes of beautiful double flowers. 2½ ft.

Mixed. All colors. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

HOLLYHOCK

Hardy Biennials. 6 to 7 ft.

Succeeds best in rich, well-drained soil. Seed sown any time before midsummer will produce fine plants for blooming the following summer.

Triumph, Mixed. New. An excellent type of branching habit, 4 to 5 feet high, and flowering 10 days earlier than the regular type. Pkt. 25c.; large pkt. 50c.

Chater's Double Maroon.

Chater's Double Newport Pink.

Chater's Double Pink.

Chater's Double Red.

Chater's Double Salmon.

Chater's Double White.

Chater's Double Yellow.

Any of the above, except where noted

Pkt. 10c.; large pkt. 50c.; oz. \$2.00

Chater's Double Mixed. Pkt. 10c.; large pkt. 50c.; oz. \$1.50.

Annual.

While these are also perennial varieties, if seed is sown in the house in March or April, they will bloom the first season.

Double Everblooming, Mixed. Pkt. 10c.; large pkt. 40c.; oz. \$1.50.

Single Hollyhock.

Mixed Colors. Pkt. 10c.; large pkt. 40c.; oz. \$1.25.

LATHYRUS latifolius

Everlasting or Perennial Pea

Hardy Perennials. 6 to 8 ft.

A showy climber for covering walls, stumps, fences, etc.

- Crimson.** Brilliant.
- Pink Beauty.** Bright rosy pink.
- White.**
- Choice Mixed.** All colors.

Any of above, pkt. 10c.; large pkt. 30c.; oz. \$1.25

LEPTOSYNE

Annual. 3 ft.

One of the quickest-growing annuals, blooming in 5 weeks after sowing the seed.

Maritima. Large, lemon-yellow, Marguerite-like flowers. Pkt. 10c.; large pkt. 30c.

LIATRIS - Blazing Star

Perennials. 4 ft.

Pycnostachya. Showy border plant with long spikes of violet-purple flowers. Pkt. 15c.; large pkt. 60c.

Scariosa. An improved strain, with larger flowers and more spreading habit than the above. Color, clear rose-purple. Pkt. 15c.; large pkt. 75c.

LILIUM - Lily

Perennials. 3 to 6 ft.

White Queen. A giant, snow-white, early-flowering variety of the Philippine formosum type. This strain bears very large flowers and will bloom in approximately 15 months from seed. Pkt. 25c.; large pkt. \$1.25.

Regale. Perfectly hardy and also excellent for forcing. Flowers waxy white; fragrant. Pkt. 15c.; large pkt. 30c.

LUPINUS - Lupin

Hartwegi Giants or King

Annuals. 3 to 4 ft.

A new and improved strain with the base-branching habit. Each plant produces from 4 to 6 spikes of bloom.

King Blue. Enormous spikes of rich Oxford-blue color.

King Sky-Blue. Clear light blue.

King White. Glistening pure white. Giant spikes.

Choice Mixture.

Any of above, pkt. 15c.; large pkt. 30c.

| | |
|------------------|--------------------------|
| Rich Blue | White |
| Pink | Mixed. All colors |
| Sky-Blue | |

Pkt. 10c.; large pkt. 25c.; oz. \$1.00

Lupinus polyphyllus

Perennials. 2 to 3 ft.

Of easy culture. Graceful spikes of pea-shaped flowers, fine for cutting. May, June.

Blue. Pkt. 10c.; large pkt. 30c.

Roseus. Pink. Pkt. 10c.; large pkt. 30c.

White. Pkt. 10c.; large pkt. 30c.

Mixed. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

New Hybrids, Mixed. Pkt. 10c.; large pkt. 40c.; oz. \$1.25.

Russell. A great variety of rich colors—deep yellows, oranges, reds, and brilliant bicolors never seen in Lupins before. The florets are large, with flat, fanlike standards and, unlike all other Lupins, most of the spikes retain their florets throughout the whole period of development. Pkt. 25c.; large pkt. 75c.; ¼oz. \$1.25.



Matricaria, Double White

LINUM - Flax

Annual. 16 in.

Grandiflorum rubrum. Large-flowered scarlet Flax. Pkt. 10c.; large pkt. 25c.

Perennial. 18 in.

Perenne. Bright blue flowers. Pkt. 10c.; large pkt. 25c.; oz. 85c.

LINARIA - Toadflax

Annual. 6 to 8 in.

Fairy Bouquet, Mixed. Dwarf; large flowering. Choice mixture. Fine for bedding. Pkt. 10c.; large pkt. 40c.

LOBELIA

Annuals. 4 to 12 in.

No garden is complete without an edging of blue Lobelia.

Cambridge Blue, Sutton's. New. Large, light blue flowers. Dwarf, compact growth. Pkt. 25c.; large pkt. 75c.

Crystal Palace Compacta. Very compact. Deep blue. The best for edging. Pkt. 10c.; large pkt. 75c.

Crystal Palace Speciosa. Of trailing habit. Deep ultramarine-blue. Fine for vases. Pkt. 10c.; large pkt. 40c.

Mrs. Clibran. Dwarf. Deep blue flowers with white eyes. Excellent for borders. Pkt. 20c.; large pkt. 75c.

Michell's Blue Stone. An excellent dwarf variety of compact growth. Plants are completely covered with large, bright blue flowers. Fine for borders or boxes. Pkt. 20c.; large pkt. 75c.

Sapphire. A beautiful trailing variety of strong growth. The flowers are unusually large; deep blue, with large, clearly defined white eye. Pkt. 20c.; large pkt. 75c.

LYCHNIS

Perennial. 2½ ft.

For massing in large beds or borders.

Chalcedonica. Rose Champion. Fine, scarlet, crosslike flowers. July. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

MARVEL OF PERU - Four o'clock

Annuals. 8 to 20 in.

Dwarf Mixture. A uniformly dwarf strain, well adapted for bedding or border work. Fine range of bright colors. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

Choice Mixed. Free-flowering garden favorites. Pkt. 10c.; oz. 60c.

MATRICARIA - Feverfew

Annuals. 18 in.

Ball Strain. A fine pure white, full double, with long stems. Fine for outdoors. Pkt. 15c.; large pkt. 50c.

Double White. For bedding or pot culture. White flowers. Pkt. 10c.; large pkt. 40c.; oz. \$1.25.

Perennial. 12 in.

Golden Ball. Bright yellow flowers. Pkt. 10c.; large pkt. 60c.

MIGNONETTE

Annuals. 18 in.

No garden is complete without this fragrant flower.

Machet. Large, sweet-scented flowers. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

New York Market. A selected strain. Pkt. 15c.; large pkt. 75c.

Sweet-scented. The popular garden sort. Pkt. 10c.; oz. 30c.

MATTHIOLA

Annual. 18 in.

Bicornis. Evening-Scented Stock. Desirable on account of its fragrance during the evening. Lilac blooms. Pkt. 10c.; large pkt. 25c.; oz. 75c.

MORNING-GLORY - IPOMOEA

Annual Climbers. 10 to 20 ft.

Blue Star. See page 2.

Pearly Gates. Flowers are a lovely lustrous white with creamy shading deep down in the throat and average 4½ inches across. The vigorous, fast-climbing vines are covered with blooms from the middle of summer until frost. Pkt. 15c.; large pkt. 60c.; ¼oz. 85c.

Clarke's New Early Improved Heavenly Blue. The well-known and popular bright blue Morning-Glory. Pkt. 15c.; large pkt. 40c.; oz. \$1.00.

Scarlett O'Hara. All-America Winner. The blooms measure from 3 to 4 inches in diameter and are a vivid scarlet. They remain open all day, even in warm weather. Pkt. 15c.; large pkt. 40c.; ¼oz. 85c.

NEMOPHILA

Annual. 8 in.

Insignis, Blue. Pretty light blue flowers. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

NICOTIANA - Flowering Tobacco

Annuals. 1½ to 3 ft.

Miniature White (N. suaveolens). A dwarf type with miniature white, very fragrant flowers. Pkt. 15c.; large pkt. 75c.

Affinis. Fragrant, tubular, pure white flowers. Pkt. 10c.; large pkt. 25c.

Affinis Hybrids, Mixed. Large, sweet-scented flowers in a variety of colors. Pkt. 10c.; large pkt. 25c.

Crimson Bedder. Rich deep crimson. Dwarf. Pkt. 15c.; large pkt. 40c.

NIEREMBERGIA

Annuals. 4 to 6 in.

Purple Robe. Bronze Medal, All America Selections. Deep violet-blue that does not fade. Neat, compact habit. Pkt. 25c.; large pkt. 75c.

Hippomanica. Dwarf Cup Flower. New. Small, cuplike flowers of a lovely lavender-blue shade, with a touch of yellow in the center. Plants 8 to 10-inch spread, and commence to flower in 15 weeks. Pkt. 25c.; large pkt. 75c.

MARIGOLD • Tagetes

THE GOLD OF THE MARIGOLD FOR CHEER

Hardy Annuals.

These are old, favorite, free-flowering annuals with rich, showy flowers all summer. The Tall African varieties are well adapted for large beds or mixed borders, while the Dwarf French varieties are better suited for bedding purposes.



Marigold, Miniature New Spry Hybrids

Tall African

Tall-growing, from 2½ to 4 feet high.

Burpee Gold. Beautiful carnation-like flowers, fully double, 3½ inches across; color is an even rich orange. Plants minus the disagreeable odor. Pkt. 25c.; large pkt. 50c.

Goldsmith. *Bronze Medal, All-America Selections.* Produces from 8 to 12 stems of large golden orange blooms. Pkt. 25c.; large pkt. 50c.

Michell's Early Golden Jubilee. *Exclusive Introduction.* Large, double, chrysanthemum-like flowers in shades of golden yellow, orange, and light yellow. Pkt. 25c.; large pkt. 60c.

Giant Chrysanthemum-Flowered Hybrids. Many new and distinct types, varying in size of blooms from 2 to 4 inches in diameter. Colors range in all shades of orange and yellow. Pkt. 15c.; large pkt. 50c.; ¼oz. 75c.

Mission Giants, Yellowstone. *All-America Selections.* Bright rich clear yellow counterpart to Goldsmith. A popular variety with large 2½-inch flowers on luxurious strong-growing plants. 3 to 5 ft. Pkt. 25c.; large pkt. 50c.

Mammoth Mum. Flowers are fluffy, ball like, light sulphur-yellow in color. 3½ inches across. Plants are 30 inches high. Early flowering. Pkt. 25c.; large pkt. 60c.

Gigantea, Orange Sunset. Flowers are unquestionably the largest Marigolds to date. Rich orange. Pkt. 25c.; large pkt. 50c.

Gigantea, Sunset Giants. Exceptionally free flowering and lacks the usual Marigold odor. Mixed colors. Pkt. 15c.; large pkt. 50c.; ¼oz. 75c.

Alldouble Orange.

This new variety will produce a large percentage of double flowers of a bright orange shade. Pkt. 15c.; large pkt. 50c.

Alldouble Lemon.

Fine clear yellow, alldouble flowers. Pkt. 15c.; large pkt. 50c.

Giant Golden Emblem.

Very large lemon-gold flowers 4 to 5 inches in diameter. Pkt. 15c.; large pkt. 50c.

Golden Eagle.

Carnation-flowered; golden yellow. Excellent for cutting. Pkt. 10c.; large pkt. 50c.

Guinea Gold.

The flowers come 100 per cent double and semi-double. Clear orange, flushed gold. Pkt. 10c.; large pkt. 50c.

Yellow Supreme.

Broad, loose, frilled petals, similar to

Guinea Gold, of a rich creamy lemon-yellow color. 2 ft. Pkt. 15c.; large pkt. 50c.

Large African, Mixed. Tall; double. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

Marigolds with odorless foliage.

Burpee Gold Improved.

Crown of Gold.

Yellow Supreme.

Dwarf African

Dwarf Gigantea, Pot O'Gold. Well-branched, dwarf, compact. Flowers are a bright deep golden orange, measuring 4 to 4½ inches across. 12 in. Pkt. 25c.; large pkt. 50c.

Little Giants, Mixed. The plants are compact and covered with blossoms. Pkt. 15c.; large pkt. 60c.; ¼oz. \$1.00.

Double Dwarf French

Miniature New Spry Hybrids. An abundance of varied flower formations in new and unusual combinations of yellow, mahogany, scarlet, and orange are to be found in this strain, thus providing an endless source of delight and interest. Pkt. 25c.; large pkt. 50c.

Butterball. *Bronze Medal, All-America Selections.* Most attractive, very compact, scabious-flowered, canary-yellow. Grows 6 to 10 inches tall, uniform; very early flowering. Pkt. 25c.; large pkt. 50c.

Golden Bedder. *Bronze Medal, All-America Selections.* Bright golden orange. One of the earliest of all Marigolds. Symmetrical mounds of golden orange flowers of interesting form. Pkt. 25c.; large pkt. 50c.

Melody. *Bronze Medal, All-America Selections.* The flowers are fully double, brilliant orange in color, and are of the Harmony type. The compact plants are about 12 inches high. A very early and free bloomer. Pkt. 25c.; large pkt. 50c.

Sunkist. Very dwarf and compact, with solid deep golden orange, anemone-type flowers. Free flowering. Pkt. 15c.; large pkt. 50c.; ¼oz. \$1.50.

Scarlet Glow. *Honorable Mention, All-America Selections.* A distinct bronzy red color. Compact, bushy growth of about 1 foot; flowers are 1¾ to 2 inches across. Pkt. 25c.; large pkt. 50c.

Spry. *Silver Medal, All-America Selections.* Extra dwarf, double French-type Marigold; very compact and uniform habit, about 9 inches tall, with very light orange crested center and maroon outer petals. Pkt. 25c.; large pkt. 50c.

Harmony Hybrids. Flowers are of medium size and the color-range includes innumerable combinations of the popular Harmony Marigold. 12 to 14 in. Pkt. 15c.; large pkt. 40c.

Harmony. Very double flowers of deep orange with maroon collar. Free flowering. Fine for borders. Pkt. 15c.; large pkt. 40c.; ¼oz. 60c.

Royal Scot. Every plant of uniform shape and height (10 to 12 inches). Rich mahogany and gold, in uniform stripes. Pkt. 25c.; large pkt. 40c.; ¼oz. 75c.

Golden Ball. Very compact. Flowers large, golden yellow. Pkt. 10c.; large pkt. 25c.; oz. \$1.10.

Mahogany. Rich mahogany-brown. Pkt. 10c.; large pkt. 25c.; oz. \$1.10.

Yellow Pygmy. Light lemon-yellow. Free flowering. 8 in. Pkt. 15c.; large pkt. 30c.; oz. \$1.75.

Dwarf Double French, Mixed. 1 ft. Pkt. 10c.; large pkt. 25c.; oz. \$1.10.

Single Dwarf French

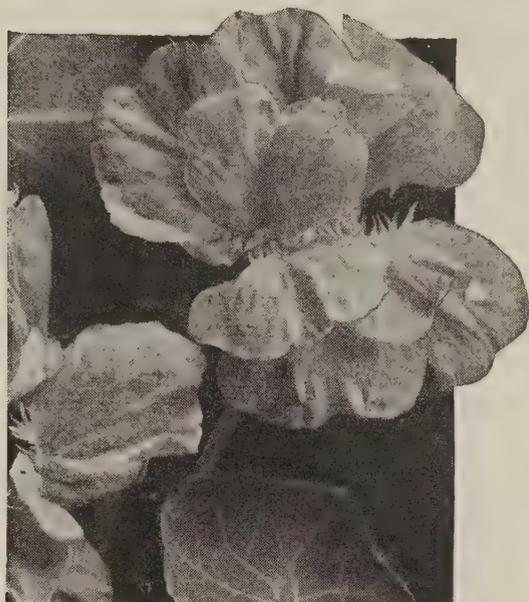
Red Head. The plants grow very vigorously, forming a compact row 15 inches high and 20 inches across. The single flowers grow 2 inches across, open a rich mahogany color and expand rapidly, the color being altered by bright sunlight to auburn and later to shades of bronze and gold. Pkt. 25c.; large pkt. 50c.; ¼oz. \$1.00.

Naughty Marietta. *Honorable Mention, All-America Selections.* A lovely, new, single French Marigold 2 to 2½ inches in diameter. In full bloom the dwarf plants, 12 inches tall and 16 inches across, are completely covered with bright golden yellow flowers attractively marked with mahogany at the base of the petals. Very showy. Excellent for borders. Pkt. 25c.; large pkt. 50c.; ¼oz. \$1.00.

Flash. *Bronze Medal, All-America Selections.* The large single flowers are a brilliant tangerine and marigold-brown. As the flowers age they turn to golden orange. Plants are compact, bushy, and free blooming. Pkt. 25c.; large pkt. 50c.; ¼oz. 75c.

Legion of Honor (Little Brownie). Single golden yellow, velvety flowers with a large spot of crimson. Early flowering. 9 in. Pkt. 10c.; large pkt. 25c.; oz. 85c.

Signata pumila (Tagetes). Golden yellow. Excellent for edging. 10 in. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.



Nasturtium, Golden Gleam

MICHELL'S GIANT NASTURTIUMS

Annuals.

Dwarf or Bedding • Tom Thumb

Of dwarf, compact growth, excellent for borders or for bedding, forming plants about 1 foot high by 1 foot across.

New Dwarf Double

Dwarf Double Art Shades. *New.* The most brilliant mixture yet introduced. Plants are of dwarf, compact habit, with the flowers well above the foliage. Excellent for borders. Pkt. 15c.; oz. 60c.

Scarlet Globe. Perfect, compact plants of globe-shaped growth about 1 foot tall. Giant double and semi-double, sweet-scented, fiery scarlet blooms in great profusion. Pkt. 10c.; oz. 50c.

Golden Globe. *All-America Winner.* Identical in color with the popular Golden Gleam, but of dwarf, compact growth. Free flowering. Very double and sweet-scented. Pkt. 10c.; oz. 50c.

Gem Mixture. Free-flowering, semi-double, sweet-scented flowers in an excellent color-range, and containing both light- and dark-flowering plants. Pkt. 10c.; oz. 50c.; ¼lb. \$1.75.

Michell's Giant-flowering Dwarf, Mixed. This is one of the finest mixtures, composed of the largest and best named varieties and is unsurpassed for brilliancy of color. Pkt. 10c.; oz. 25c.; ¼lb. 90c.; lb. \$3.00.

Double Nasturtium Novelties All-America Winners

This type is of the semi-trailing habit and is a new development in Nasturtiums. The plant forms a vigorous bush which throws out short runners averaging 18 inches. The flowers are very large and double and exceedingly sweet-scented. Another feature is that the blooms stand well above the foliage and are excellent for cutting; well adapted for pot culture.

Golden Gleam. (Bodger.) Large, golden yellow, semi-double, sweet-scented flowers.

Scarlet Gleam. (Bodger.) The flowers are fiery orange-scarlet, 3 inches across, and uniformly double, with lush green foliage.

Gleam Hybrids. (Bodger.) Gorgeously colored, large, well-formed flowers of dazzling beauty. A very brilliant mixture.

Any of above, pkt. 10c.; oz. 50c.; ¼lb. \$1.75

Tall or Climbing Nasturtiums

For covering trellises, fences, arbors, piazzas, trailing from vases, over rockwork, etc., nothing can equal the gorgeous effect produced by their great quantities of bloom from early summer until frost. The seed-pods can be gathered while green and tender, for pickling. 8 to 10 ft.

Michell's Giant-Flowering, Mixed Tall.

This mixture cannot be excelled for large size and beautiful colors of the flowers. Composed of the largest and finest varieties. Pkt. 10c.; oz. 25c.; ¼lb. 90c.; lb. \$3.00.

Broaden your flower knowledge by trying each season some things you are not acquainted with. You will have many pleasant surprises.

Double Tall French Marigolds

Mixed. Pkt. 10c.; large pkt. 25c.; oz. 90c.

Single Tall French

Australian Giant or Tree. Very late flowering, with masses of brownish yellow flowers. Excellent for cutting. 5 ft. Pkt. 15c.; large pkt. 40c.

Josephine. Dark brown with gold edges. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

Collarette

Crown of Gold. Orange flowers, having crested centers, with broad guard petals. Odorless foliage. Pkt. 15c.; large pkt. 40c.; ¼oz. 75c.

Lieb's Winter-Flowering

A fine forcing variety. Color mahogany-brown, golden yellow crested center. Pkt. 25c.; large pkt. 60c.

MYOSOTIS • Forget-me-not

Perennials. 6 to 12 in.

Blue Spire. *New.* Very large flowered, rich blue color. Compact, medium habit; free flowering. Pkt. 25c.; large pkt. 75c.

Alpestris, Victoria. Bright blue; dwarf. Pkt. 10c.; large pkt. 60c.

Bluebird. Extra early flowering; bright blue. Pkt. 10c.; large pkt. 50c.

Michell's Winter-Flowering. The finest variety for forcing. Long stems. Large, deep blue flowers. Pkt. 15c.; large pkt. 75c.

Palustris semperflorens. Everblooming; blue. Pkt. 10c.; large pkt. 60c.

Choice Mixed. Pkt. 10c.; large pkt. 40c.

NEMESIA

Hardy Annuals. 8 to 12 in.

Strumosa Suttoni. Large flowers varying in color from creamy white to deep orange and carmine. Pkt. 15c.; large pkt. 60c.

Blue Gem. Flowers bright blue. Growth compact. Pkt. 15c.; large pkt. 75c.

OXYPETALUM

Annual. 15 in.

Coeruleum. Argentine or Southern Star. The blossoms are inch-wide stars facing upward. The color is a most unusual blue of silver-blue pastel quality. Blooms continuously. Pkt. 25c.; large pkt. 75c.

MICHELL'S PANSIES

The new Pansies are delightful. They will enhance your garden with their entrancing new colors, size and grace.

Treat as Biennials.

If started in the house from February until April, Pansies will begin to bloom from July on; sown outdoors in May, beautiful flowers are produced in the fall; sown in frames during July and August, and transplanted later, they give us the main crop of flowers the following spring.

Giant-flowering Mixtures

America. Very select dwarf strain; free flowering. Comes in fine mixture of popular shades. American-grown seed. Pkt. 25c.; large pkt. \$1.00; ¼oz. \$3.50.

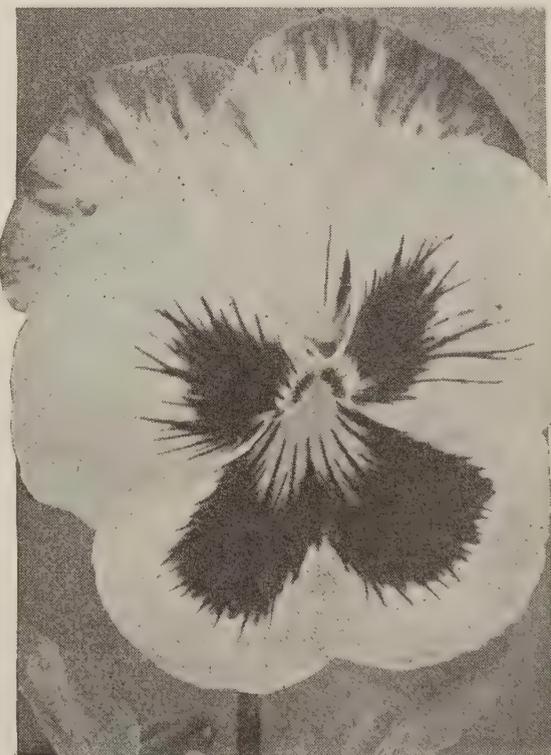
Maple-Leaf Giants. This new variety has giant flowers measuring 4 to 6 inches across, perfectly round, and in a great variety of colors. Pkt. 25c.; large pkt. 85c.; ¼oz. \$3.50.

Michell's New Swiss Giants. A new strain with enormous flowers and containing many unusual colors, such as salmon, pink, red, blue, yellow, etc., all beautifully blotched. Pkt. 50c.; large pkt. \$1.25; ¼oz. \$3.50.

New Giant Pansy, MICHELL'S SPRINGTIME

Fine new early-flowering variety; blooms measure 3½ to 4 inches across. Plants are of dwarf habit and commence to bloom very early in the spring. The mixture contains all the bright shades that are so popular in the spring garden. Pkt. 25c.; large pkt. \$1.00; ¼oz. \$2.00.

Pansies continued on page 18



Pansy, America

Pansies, continued

Engelmann's Special Mixture

A new variety and a truly Giant Pansy that is in a class by itself. Flowers 3 to 4 inches across, on long, heavy stems and produced well above the foliage. Contains a great variety of colors, both light and dark, with a good percentage of bronze and red shades. Pkt. 50c.; large pkt. \$1.00; 1/8 oz. \$3.00.

Michell's Giant Exhibition. Flowers immense; very heavy texture; and the most brilliant colors. Pkt. 25c.; large pkt. 85c.; 1/8 oz. \$2.00; 1/4 oz. \$3.75; oz. \$12.00.

Swiss Giant Pansies

Alpenglow. Cardinal-red shades with dark blotches.

Berna. Very rich, velvety purple-violet, of extra quality.

Coronation Gold. Round canary-yellow flowers as much as 3 inches across, with slightly ruffled edges and lower petals flushed golden orange.

Lake of Thun. A distinct marine-blue variety, with deep blue blotches.

Luna. Soft sulphur-yellow with frilled edges.

Pure White. The best giant pure white.

Rheingold. Deep golden yellow, with black blotches on the three lower petals.

Any of the above Swiss Giant Pansies, pkt. 25c.; large pkt. \$1.00

Improved Swiss Giants. Flowers large, with overlapping petals in many brilliant colors and shades. Excellent for greenhouse culture. Pkt. 25c.; large pkt. 85c.; 1/8 oz. \$1.75.

Dwarf, Swiss Choice Mixed. For those who desire a dwarf and more compact type than the original, we highly recommend this new strain. Very free flowering and in a great variety of colors. Pkt. 25c.; large pkt. 75c.; 1/4 oz. \$3.00.

Trimardeau, Choice Mixed. Free-flowering, medium size flowers. Excellent for bedding. Pkt. 15c.; large pkt. 75c.; 1/4 oz. \$2.00.

PORTULACA • Sun-Plant

Hardy Annuals. 6 in.

Brilliant flowers of easy culture. Excellent for massing in beds, edging, or rock-work, thriving best in a light, sandy soil and a sunny situation.

Double-Flowering

A select strain that will produce from 60 to 80 per cent double flowers.

Mixed. Pkt. 10c.; large pkt. 50c.; 1/4 oz. \$1.50; oz. \$5.00.

Single-Flowering

Single Jewel. Flowers four times as large as the regular single sorts and of very unusual beauty. Color a brilliant deep rose-crimson. Pkt. 25c.; large pkt. 75c.; 1/4 oz. \$2.00.

Choice Mixed. Pkt. 10c.; large pkt. 40c.; 1/4 oz. \$1.00; oz. \$3.50.

PINKS

See Carnation, page 8, and Dianthus, page 12.

MICHELL'S PETUNIAS

No other flower has achieved more popularity. The Petunia is a plant that can be attractively used in an endless number of ways. New and charming colors and forms add to the interest of these indispensable garden flowers. They thrive in various climatic conditions and can be used in a perennial border, or in a rock-garden; they also effectively combine with other garden flowers, and a garden entirely of Petunias is a delightful picture.

For freedom of bloom, variety of color, and effectiveness, the Petunia has few equals for the flower garden, porch or window-box. They commence blooming early and continue until killed by frost. We call special attention to our Large-Flowering Strains, which for size and brilliancy of coloring cannot be surpassed.

Outstanding Petunias Exclusive with Michell's

Michell's Rosalind. The flowers of this new strain are very large and ruffled, in a brilliant rose shade. The deep throats are beautifully veined gold and white. Plants are of compact habit and very free flowering. Pkt. 25c.; large pkt. \$1.00.

Michell's Gay Lady. The plants are very compact and erect, growing 8 to 10 inches tall and when in full bloom form a compact mat of color. The flowers are medium sized, well fringed and ruffled, and are borne in great profusion. The color-range is a combination of pink and white to red and white. A very bright and gay mixture. Splendid for borders and bedding or growing in pots. Pkt. 35c.; large pkt. \$1.00; extra large pkt. \$1.75.

New Victory. An extra-dwarf, super-giant single Petunia. Huge, deep-throated, fluted flowers, averaging up to 7 inches across. The plant habit is very dwarf, compact, bushy and free flowering. Our exclusive mixture contains a color-range of excellent light and dark shades. This is a fine variety for bedding or for exhibition. Pkt. 35c.; large pkt. \$1.00.

New Dazzler. The brightest and most colorful single Petunia yet introduced. The large flowers are brilliant shades of orange and rosy scarlet, plain and semi-ruffled, gold-and-white-throated. Plants of dwarf, compact habit. Fine for bedding or window-boxes. Pkt. 35c.; large pkt. \$1.00.

COLLECTION: One pkt. each of above 4 superb Petunias, \$1.10

New Ruffled Petunia, Garden Giants Giants of California Type

The outstanding feature of this new variety is its satisfactory plant growth. The plants uniformly develop into well-rounded mounds 12 to 15 inches high, and all season are thickly covered with large ruffled flowers in a wide variety of color combinations, basically with red and white blotching. Pkt. 25c.; large pkt. 85c.

Single-Flowered Grandiflora

Silver Medal. All-America Silver Medal Winner for 1949. This is one of the finest single Petunias named for the Award as the best in the All-America trials. Flowers 3 inches across are borne in great profusion from early summer until frost. When first open they are lustrous salmon-cerise with orange undertone, gradually changing to rich salmon. Plants grow 1 foot high, are compact, bushy, and average 18 to 20 inches across. Seed is available in originator's pkts. only (100 seeds) 50c.

Improved Admiral. Flowers are a rich violet-blue, slightly waved. The plants are compact and upright in habit. Pkt. 35c.; large pkt. \$1.00.

Flaming Velvet. Rich, brilliant, velvety blood-red, medium-sized flowers. Pkt. 25c.; large pkt. 50c.

General Dodds. A fine bedding variety. Rich velvety blood-red blooms. Pkt. 10c.; large pkt. 50c.

Salmon Supreme. A distinct color in bedding Petunias. Clear salmon-pink flowers that make an attractive display. Pkt. 25c.; large pkt. 75c.

Howard's Star, Improved. Produces a profusion of crimson-maroon flowers, with a distinct five-pointed white star. Pkt. 15c.; large pkt. 60c.

Topaz Rose. All-America Winner. The color of this new Petunia is a fiery, velvety rose, slightly suffused with gold. Pkt. 25c.; large pkt. 75c.



Petunia, Silver Medal

MICHELL'S PETUNIAS, continued



Petunia, California Giants

Dwarf Single Small-Flowered Standard Sorts (1 ft.)

- Bluebird.** An excellent bedding variety. Medium-sized flowers of a deep blue color. Pkt. 15c.; large pkt. 50c.
- Celestial Rose.** Compact; deep rose. Excellent for bedding. Pkt. 15c.; large pkt. 50c.
- Dwarf Inimitable.** Dwarf, compact habit. Profuse bloomer. Flowers striped and blotched. Pkt. 10c.; large pkt. 50c.
- Silver Blue (Heavenly Blue).** Makes a fine bedding variety combined with Rosy Morn. Pkt. 15c.; large pkt. 50c.; $\frac{1}{4}$ oz. \$2.25.
- King Henry.** Free flowering; dwarf, compact habit. Blood-red color. Pkt. 25c.; large pkt. 75c.
- Martha Washington.** A ruffled or frilled, dwarf, compact type, about 9 inches high. Blush-pink, center veined wine-red. Pkt. 25c.; large pkt. 75c.
- Periwinkle Blue.** Flowers are a delightful shade of pastel blue. Resembles very much the perennial Vinca. Pkt. 15c.; large pkt. 50c.
- Rosy Morn.** Dwarf, bushy plants, bearing in great profusion brilliant rose-colored flowers with white throats. Pkt. 10c.; large pkt. 50c.; $\frac{1}{4}$ oz. \$1.25.
- Rose of Heaven.** Rich, brilliant rose color. Pkt. 10c.; large pkt. 60c.; $\frac{1}{4}$ oz. \$1.25.
- Snowball.** A fine, compact sort, producing a profusion of satiny white flowers. Pkt. 10c.; large pkt. 75c.
- Twinkles.** Brilliant rose, starred white. Fine bedding sort. Pkt. 25c.; large pkt. 75c.
- Violacea.** Plants of erect, dwarf type. Beautiful deep violet flowers. Pkt. 15c.; large pkt. 60c.
- Choice Mixed.** Pkt. 10c.; large pkt. 40c.; $\frac{1}{4}$ oz. \$1.00; oz. \$3.00.

Dwarf Single Nana Compacta, Mixed.
A dwarf-flowering type with medium-size flowers produced in profusion. Excellent for bedding and borders. Choice mixed colors. Pkt. 25c.; large pkt. 75c.

Dwarf Single Large-Flowering

The following three new varieties are large-flowered, plain-edged dwarf types. Compact in habit, free flowering; excellent subjects for pots or bedding.

- Rose Queen.** Brilliant rose-pink. Pkt. 25c.; large pkt. 75c.
- Ruby Queen.** Clear ruby-red. Pkt. 25c.; large pkt. 75c.
- Violet Queen.** A true bright violet color which will not fade. Pkt. 25c.; large pkt. 75c.

Single Large-Flowered Plain-Edged

- Dwarf Elk's Pride.** A really dwarf type of this popular Petunia in which the straggly habit is entirely lacking. The color is the well-known royal purple. Pkt. 25c.; large pkt. 85c.
- Purple Prince.** Large, fine, velvety purple flowers. Pkt. 25c.; large pkt. 75c.
- Snowstorm.** A fine large-flowering, plain-edged, pure white variety. Very free flowering. Good as a pot-plant and for bedding. Pkt. 25c.; large pkt. 85c.

Dwarf Single Small-Flowered Sorts New Varieties (1 ft.)

- Bright Eyes.** *Bronze Medal, All-America Selections.* Plants grow 7 to 9 inches tall and are completely covered with soft light rose-pink flowers, with pronounced white throat; individual blooms grow about $1\frac{1}{2}$ inches across. Pkt. 25c.; large pkt. 75c.
- Cheerful.** *Bronze Medal, All-America Selections.* Flowers are clear salmon-pink, $2\frac{3}{4}$ inches and more across, and here and there among the mass of blooms are some a tint or two lighter than others. Pkt. 25c.; large pkt. 75c.
- Cream Star.** *Silver Medal, All-America Selections.* Moundlike plants 8 to 10 inches tall, bloom madly from early summer until frost, the bloom literally hiding the foliage. Each dainty white flower is marked with a cream-colored star. Pkt. 25c.; large pkt. 75c.
- English Violet.** *Honorable Mention, All-America Selections.* Almost the same beautiful color as English violets. The plants grow normally 15 inches high, quite compact. Pkt. 25c.; large pkt. 75c.
- Glow, Nana Compacta.** *Silver Medal, All-America Selections.* Medium-sized, single flowers of a very intense glowing carmine-rose, measuring $2\frac{1}{2}$ inches across. Pkt. 25c.; large pkt. 75c.
- Igloo.** *Bronze Medal, All-America Selections.* Pure white flowers of medium size with a slight yellow throat. The plants are uniformly compact throughout the season, and continue to flower until frost. When in bloom they are a perfect mound of white, 8 to 10 inches in height. Pkt. 25c.; large pkt. 75c.
- Velvet Ball (Dwarf Flaming Velvet).** *All-America Winner.* The plants reach a height of about 8 inches and the blooms are comparatively large, being about $2\frac{1}{2}$ inches in diameter, well shaped, deep velvety blood-red. Pkt. 25c.; large pkt. 75c.

Large Single Fringed

- Michell's Super Fluffy Ruffles.** Beautifully ruffled and fringed flowers that at first glance appear fully double. The color is a lovely blending of rose and salmon shades. Pkt. 25c.; large pkt. 85c.
- Michell's Giant Fringed, Mixed.** Flowers large, beautifully fringed and ruffled. Pkt. 25c.; large pkt. 85c.
- Theodosia, Michell's Improved Strain.** *New.* Large, brilliant rose-pink, with full open throat. Pkt. 25c.; large pkt. 85c.

Single Ruffled Giants with Veined Throats

- California Giants, Dwarf Ramona Strain.** An excellent new dwarf strain of California Giants. Very compact. Fine for pots. Pkt. 25c.; large pkt. 85c.
- Glamour, Giants of California.** *Honorable Mention, All-America Selections.* A luscious shade of salmon-rose in the Giant Ruffled Petunia type, faintly veined brown in the creamy open shallow throat. Pkt. 25c.; large pkt. 85c.
- California Giants.** One of the largest-flowered varieties. Bright desirable colors. Robust plants. Pkt. 25c.; large pkt. \$1.00.

Balcony Petunias

- A fine, large-flowering, free-blooming type suitable for vases, window- or porch-boxes; also valuable for bedding.
- Blue.** Rich indigo-blue.
- Cornflower Blue.** Bright blue.
- Crimson.** Rich velvety crimson.
- Rose.** Rose-pink.
- White.** Pure white.
- Mixed Colors.**
Any of above, pkt 15c.; large pkt. 60c.



Petunia, Igloo

Don't try to transplant Poppies

Portland Petunias

For planting of veranda boxes and for choice potted plants, or for bedding out, these Petunias in select colors never fail to please.

Elk's Pride. Large, deep royal purple blooms. Pkt. 25c.; large pkt. 75c.

Double Petunias

Alldouble America. *Silver Medal, All-America Selections.* This alldouble Petunia produces rose-pink flowers of medium size, 2 inches or more across. Plants are *Hybrida nana compacta*, 1 foot in height and 18 inches in width, making them ideal for beds, borders, edgings, or pot-plants. Very early flowering. Pkt. 50c.; large pkt. \$2.00.

Double Fringed, Mixed. Flowers of large size, beautifully fringed and embracing a splendid variety of colors. Pkt. 50c.; 500 seeds, \$1.25.

Choice Double, Mixed. A good mixture. Pkt. 25c.

How to Sow Double Petunia Seed

The seed of Double Petunias is very fine and should be sown inside in flats or pots, using a mixture of finely sifted soil, with the addition of some sand. Thoroughly water the soil and then lightly scatter the seed on the surface. Do not cover the seed with soil. The receptacle should be covered with a sheet of newspaper and a pane of glass, and kept in a warm location until the seedlings start to grow. It is important not to discard the small seedlings, as these usually produce the best double flowers.

PHLOX DRUMMONDI

Hardy Annuals. 6 to 12 in.

Gigantea, Michell's New Buff Queen. A new shade in this popular Phlox. It is identical in type, habit of growth and size of bloom to Gigantea Art Shades and is free flowering and a continuous bloomer. The color is a soft chamois or buff, with a distinct eye. Pkt. 25c.; large pkt. 60c.; ¼oz. \$1.60.

Gigantea, Red Glory. *Honorable Mention, All-America Selections.* Brilliant red with a contrasting white eye which seems to intensify the red. Identical in type, habit of growth, and size of bloom to the Gigantea Art Shades. Pkt. 25c.; large pkt. 60c.; ¼oz. \$1.25.



Phlox, Dwarf, Cecily

Gigantea, Rosy Morn. *Bronze Medal, All-America Selections.* Flowers are a combination of rose-pink with a white eye, larger than a half dollar. Pkt. 25c.; large pkt. 60c.; ¼oz. \$1.25.

Phlox, Salmon Glory

(All-America Winner)

The individual flowers are gigantic for Phlox, measuring from 1 to 1½ inches in diameter, of pure salmon-pink color with a distinct creamy white throat. Pkt. 25c.; large pkt. 60c.; ¼oz. \$1.25.

Gigantea Art Shades, Mixed

All-America Winner

A strain with flowers 1¼ to 1½ inches in diameter. In many pleasing art shades. 9 in. Choice mixture only. Pkt. 15c.; large pkt. 50c.; ¼oz. \$1.25.

Grandiflora Varieties

Alba. Pure white. **Pink.**
Chamois-Rose. **Yellow.**
Coccinea. Scarlet. **Choicest Mixed.**
Violet.

Any of above, pkt. 10c.; large pkt. 50c.; ¼oz. \$1.10; oz. \$3.25

Cuspidata, Mixed (Star of Quedlinburg). Extra fine star-flowered mixture. Pkt. 10c.; large pkt. 50c.; ¼oz. \$1.00.

Dwarf or Compact Varieties

Choice Mixture. Large flowered. Pkt. 10c.; large pkt. 60c.; ¼oz. \$1.25.

Cecily. Extra dwarf, large-flowered, choice mixed. Pkt. 10c.; large pkt. 60c.; ¼oz. \$1.25.

Perennial.

Decussata, Mixed. Tall-growing, perfectly hardy plants, with immense trusses of large flowers in all bright colors. Pkt. 10c.; large pkt. 75c.; ¼oz. \$1.25.

PHYSALIS - Chinese Lantern Plant

Perennial. 2½ ft.

Francheti. Orange-scarlet fruits. Pkt. 10c.; large pkt. 40c.

POLYANTHUS

Primula polyantha

Perennials. 4 in.

English Mixed. Single flowers.

Primula Veris, Mixed. Cowslip.

Either of above, pkt. 10c.; large pkt. 75c.

MICHELL'S POPPIES

Annual. 2 to 2½ ft.

Normandy Red. *New.* Large single flowers of a brilliant orange-scarlet. Splendid for beds or borders. Pkt. 25c.; large pkt. 75c.

Michell's Shirley, Mixed. This lovely race of Poppies varies in color from pure white and delicate pink to rosy carmine and deep crimson. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Flanders

This is the well-known Poppy of Flanders fields so often mentioned in songs and stories of the Great War. Medium-sized, scarlet flowers. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Improved Shirley, May Queen, Mixed. A reselected strain. Large, double flowers. Pkt. 10c.; large pkt. 25c.; oz. 75c.



Poppy, Orientale Hybrids, Mixed

Iceland Poppies • Papaver nudicaule

Perennials.

These flower the first year from spring-sown seed; are of graceful habit, with fern-like foliage. The satin-like flowers are borne in endless profusion. Excellent for cutting.

KelmScott. The flowers of this new strain are larger than we have ever seen on any variety of Iceland Poppy, measuring as much as 3 inches across. The color-range is from deep scarlet through delicate pinks and buffs to pure white. Pkt. 25c.; large pkt. \$1.00.

Gartford Giant Art Shades. Large flowers carried on exceedingly heavy stems up to 30 inches in length. The color-range includes pastel shades of apricot, cream, gold, white, and various shades of rose. Its blooms make excellent cut-flowers when properly treated by dipping the ends in boiling water. Pkt. 25c.; large pkt. 75c.

Yellow Wonder. *All-America Winner.* Buttercup-yellow flowers, with a lighter center, are 4 to 6 inches across, and the stems are often more than 2 feet long. Fine for cutting. Pkt. 25c.; large pkt. 60c.

Single, Mixed. Colors range from white and yellow to deep orange-scarlet. Pkt. 10c.; large pkt. 40c.; ¼oz. 75c.

Sunbeam. Fine new shades in mixture. Pkt. 15c.; large pkt. 40c.

Oriental Poppies

Perennials. 2 to 3 ft.

These are always popular. The seeds should be sown in early spring in the open ground.

Oriente. Extra-large, deep scarlet flowers. Pkt. 10c.; large pkt. 40c.; ¼oz. 75c.

Oriente, Mrs. Perry. Rich salmon-pink. Pkt. 10c.; large pkt. 75c.

Oriente, Royal Scarlet. Brilliant scarlet. Pkt. 25c.; large pkt. 75c.

Oriente Hybrids, Mixed. Large flowers. Pkt. 10c.; large pkt. 50c.; ¼oz. 85c.

MICHELL'S PRIMULAS

Malacoides

Dawkin's Carmine-Pink. Large, rich glowing carmine-pink, quite distinct flowers on wiry stems of upright and graceful habit. Pkt. 25c.; large pkt. \$1.00.

Lilac. Improved Baby Primrose. Tall, graceful spikes of delicate lilac flowers. Pkt. 20c.; large pkt. 75c.

Pink Beauty. Large, deep rosy pink flowers. Pkt. 25c.; large pkt. \$1.00.

Snow Queen. Single; pure white. Pkt. 25c.; large pkt. \$1.00.

Obconica Gigantea

Greenhouse or House Plants. 9 to 12 in.

Wyaston Wonder. The largest-flowered *Primula obconica*. Individual florets are huge and the color a bright crimson. Pkt. 50c.; large pkt. \$1.25.

Monster, Mixed. An extra-large strain of this *Primula*. Pkt. 40c.; large pkt. \$1.50.

Obconica

Mueller and Mohnstein Mixed. Shades of pink and red. Pkt. 50c.; large pkt. \$1.50.

Fringed Chinese Variety

Michell's Prize Mixture. This mixture contains only the best sorts. Pkt. 25c.; large pkt. \$1.50.

PYRETHRUM HYBRIDUM

Perennials. 30 in.

Undoubtedly one of the best hardy perennials, both for garden work and for cut-flower purposes. A row of twenty-five plants will prove very useful.

Atrosanguineum. Single; dark red shades. Pkt. 10c.; large pkt. 75c.

Roseum. Single; pink shades. Pkt. 10c.; large pkt. 75c.

Hybridum, Single Mixed. Pkt. 10c.; large pkt. 75c.

Hybridum, Double Mixed. Pkt. 25c.; large pkt. 75c.

Robinson's Giant-flowered Mixed. Pkt. 25c.; large pkt. 75c.

Foliage Variety for Bedding

Used for edging of ornamental beds. Leaves finely cut.

Aureum (Golden Feather). Bright golden yellow foliage. 1 ft. Pkt. 10c.; large pkt. 40c.; oz. \$2.00.



Pyrethrum hybridum, Single Mixed

RUDBECKIA · Coneflower

Hardy Annual. 3 ft.

Kelvedon Star. A perfect, long-stemmed flower for cutting. Very floriferous and of sturdy habit of growth. Colors vary, but all have brown central discs, surrounded by a mahogany zone on petals of deep orange. Pkt. 15c.; large pkt. 50c.

RED-HOT POKER. See Tritoma, page 25.

RESEDA. See Mignonette, page 15.

RICINUS COMMUNIS

Castor-Oil Bean

Annuals. 8 to 12 ft.

Large, rapid-growing, ornamental foliage plant. Produces a fine effect in center of beds or singly on lawns.

Sanguineus. Blood-red stalks and red fruit. 8 ft. Pkt. 10c.; oz. 50c.

Zanzibarensis. Enormous leaves, varying in color from light green to purplish red. 12 ft. Pkt. 10c.; oz. 50c.

Mixed. All sorts. Pkt. 10c.; oz. 50c.; lb. \$4.00.

SCABIOSA · Mourning Bride Grandiflora Varieties

Hardy Annuals. 1½ to 4 ft.

Magnificent annuals of easy cultivation, blooming freely through the summer and autumn. Very effective for beds or borders and invaluable for cutting.

Imperial Giants, Hybrids, New. (Bodger.) Extremely large flowers composed entirely of broad frilled petals, arranged in a perfect ball. Plants are tall, upright, and bear flowers on long wiry stems. Brilliant mixture. Pkt. 25c; large pkt. 50c.; ¼oz. 75c.

Peace. The white flowers are fully double, 1½ inches across, on 2-ft. stems. Good for cutting and an excellent garden variety. Pkt. 25c.; large pkt. 50c.

Imperial Giants, Blue Moon. The color is a rich deep lavender-blue. Flowers are fully double, beehive-shaped. Pkt. 25c.; large pkt. 50c.

Giant Salmon Beauty. A pure salmon Scabiosa. The flowers are huge and the stems light and strong. Pkt. 25c.; large pkt. 40c.

Orchid Shades. All the colors and tones of the Cattleya orchid. Equally lovely under natural or artificial light. Pkt. 15c.; large pkt. 40c.

Rosette. Large-flowering type in a beautiful shade of deep rose heavily suffused with salmon. Pkt. 25c.; large pkt. 40c.

Azure Fairy. Clear lavender-blue.

Blue Cockade. New. Large, deep azure-blue flowers.

Cherry-Red.

Flesh-Pink.

Giant Loveliness. Flowers range through various tones of delicate salmon-rose.

King of the Blacks. Deep purple.

Peach Blossom. Peach-blossom-pink.

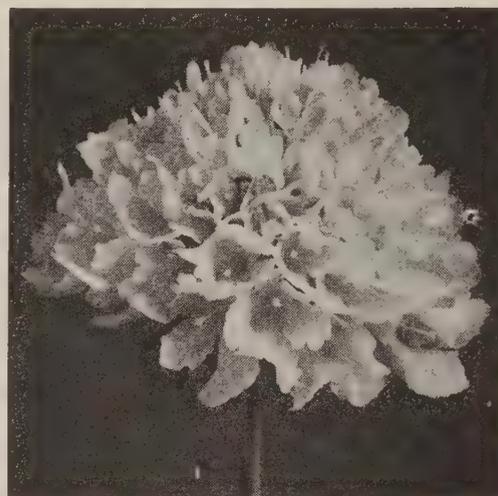
Rose. Soft rose color.

Shasta. Pure white; large, long stems.

Finest Mixed.

Each of above, except where noted, pkt. 10c.; large pkt. 25c.; oz. \$1.10

Giant-flowering Hybrids, Mixed. All-America Winner. Giants blooms in an unusual number of rare colors. Pkt. 10c.; large pkt. 30c.; oz. \$1.40.



Scabiosa, Imperial Giants

PERENNIAL SCABIOSA

Perennials. 2 to 2½ ft.

Handsome border plants flowering the entire season. As the seed of perennial Scabiosa is of slow germination, we would suggest sowing in peat moss and sand, making sure to keep moist and shaded.

Caucasica, Giant Hybrids, Mixed. Isaac House Strain. A great improvement in the Caucasica type, with larger flowers and longer stems. Colors range from light lavender to dark blue. Excellent for cutting. Pkt. 25c.; large pkt. 75c.

Columbaria anthemifolia, Rose-Pink. A low-growing variety, with flowers measuring 2 to 2½ inches across in a delightful shade of pink. Fine for cutting. Pkt. 25c.; large pkt. 60c.

Columbaria anthemifolia, Lavender. Pkt. 25c.; large pkt. 60c.

Caucasica. Soft blue. 3 ft. Pkt. 10c.; large pkt. 60c.

Caucasica alba. White. Pkt. 10c.; large pkt. 60c.

SALVIA · Scarlet Sage

Annuals. 1½ to 3 ft.

The Salvia is among our most popular and useful bedding plants. There is nothing more effective in the midsummer or fall than these bright scarlet flowers.

St. John's Fire. Blooms very early, but remains in perfect condition until frost. Height 10 inches when in full bloom in August. Compact plants, upright growth, and very uniform habit. Pkt. 35c.; large pkt. \$1.00; ¼oz. \$1.75.

America (Globe of Fire). Dwarf, bushy, compact grower and very uniform in height and shape. Pkt. 25c.; large pkt. 75c.; ¼oz. \$2.00.

Bonfire (Clara Bedman). Compact, bushy plants, producing erect spikes of the most brilliant scarlet flowers. 2 ft. Pkt. 25c.; large pkt. 75c.; ¼oz. \$2.00.

Splendens. Tall-growing plants with bright scarlet flowers. 3 ft. Pkt. 10c.; large pkt. 60c.; ¼oz. \$1.50.

Perennials. 3 to 4 ft.

Azurea grandiflora. Produces spikes of sky-blue flowers during August and September. Pkt. 15c.; large pkt. 60c.

Royal Blue Farinacea. A new improved strain. Very uniform in growth, with deep blue flowers. Pkt. 25c.; large pkt. 75c.

Blue Bedder. A new variety of Farinacea. Very compact. Deep blue flowers borne very profusely from seed the first year. Pkt. 25c.; large pkt. 75c.

Farinacea. A perennial variety, but best treated as an annual. Color, light blue. 2 ft. Pkt. 10c.; large pkt. 75c.



Statice, Pastel Shades Mixed

SALPIGLOSSIS • Painted Tongue

Hardy Annuals. 18 in.

A great favorite, not only because of its easy culture, but mainly for its beautifully tinted and veined flowers. Blooms from early summer until late fall.

Emperor, Mixed. A type having only one main stem, and bearing on its summit a large number of beautiful flowers, each one richly veined with gold. Pkt. 10c.; large pkt. 30c.

SCHIZANTHUS • Butterfly Flower

Hardy Annuals. 18 in.

Showy flowers of various colors, closely resembling some species of orchids.

Canada Giants. An extra select, large-flowered, compact greenhouse strain in splendid mixture. Pkt. 50c.; large pkt. \$1.25.

Dwarf Large-flowering, Mixed. A compact-growing variety and very free-flowering. Excellent for pots. Pkt. 25c.; large pkt. 75c.

Garraway's Hybrids, Mixed. Large flowers with markings on a white, buff, rose, blue, or purple ground. Pkt. 25c.; large pkt. 75c.

Giant Pansy-flowered. Large pansy-flowered blooms in a wide range of rich colors. Pkt. 25c.; large pkt. 75c.

Hybrid grandiflorus, Mixed. Compact, pyramidal plants, with flowers of many shades. Pkt. 10c.; large pkt. 50c.

Wisetonensis. Largely used as a pot-plant for the house. Flowers range from white with yellow center to pink with brown center. Pkt. 10c.; large pkt. 60c.

SENSITIVE PLANT. (*Mimosa pudica*). Flowers pinkish white. Pkt. 10c.; large pkt. 40c.

SNAPDRAGON

See Antirrhinum, page 5.

SHASTA DAISY

Perennials. 2 to 2½ ft.

Alaska. Pure white, extra-large flowers. Excellent for cutting. Pkt. 10c.; large pkt. 40c.

New Double Giant White. A new double variety, excellent for cutting. Flowers are about 5 inches in diameter, on long, stiff stems, and have the appearance of a giant Aster. Pkt. 25c.; large pkt. 75c.

SOLANUM

Greenhouse Plants. 12 to 15 in.

Cleveland Cherry. Ornamental pot-plants of dwarf, branching habit for winter decoration. Produces a great profusion of scarlet berries. Pkt. 10c.; large pkt. 40c.

STATICE • Sea Lavender

Excellent plants, for either the border or rockery, producing all summer panicles of small flowers, which can be dried and used for winter bouquets. 2 ft.

Sinuata

Annuals. 2 ft.

Blue Lavender Rosea superba

Kampf's Tall Improved. Deepest blue. Early flowering.

Pastel Shades Mixed.

White Yellow

Mixed. All colors. Any of above, pkt. 10c.; large pkt. 25c.; oz. 75c.

Suworowi. Russian or Rat-Tail Statice. Flowers bright rose color. Pkt. 10c.; large pkt. 25c.

Perennials. 2 to 2½ ft.

Caspia. The most beautiful of all perennial Sea Lavenders. Very vigorous, with 3-foot stems carrying innumerable lilac flowers. Pkt. 25c.; large pkt. 75c.

Dumosa. *Novelty.* A new variety, growing 2½ feet high and producing dense clusters of very pretty silvery gray flowers. Pkt. 25c.; large pkt. 75c.

Latifolia. Large, deep blue flowers. Pkt. 10c.; large pkt. 60c.

SUNFLOWER • Helianthus

Annuals. 4 to 8 ft.

Well-known and popular plants, the small-flowering sorts being used for cutting and the tall varieties valuable for backgrounds.

Small-flowered

Cut-and-Come-Again. Single, golden yellow flowers with petals twisted like a cactus dahlia. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Stella. Flowers single, golden yellow, with black centers. Invaluable for cutting. 4 ft. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Large-flowered

Double Globe (*H. annuus globosus fistulosus*). Large double yellow flowers. 6 ft. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Dwarf Double (Globe of Gold). Yellow flowers. 3 ft. Pkt. 10c.; large pkt. 25c.; oz. 75c.

New Red. Extra-large flowers, some of which are rich chestnut-red, others tipped with yellow. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

Russian Mammoth. Immense, single yellow flowers on tall, heavy stalks. 6 ft. Pkt. 10c.; oz. 15c.

SUN-PLANT. See Portulaca, page 18.

SWEET ROCKET

Hesperis matronalis

Perennial. 3 ft.

Mixed. Pure white, fragrant flowers. Pkt. 10c.; large pkt. 30c.

SWEET WILLIAM

Dianthus barbatus

Perennials. 1½ ft.

One of the finest hardy perennial garden plants; of easy culture; thrives in any good garden soil. Forms fine clumps and produces excellent effects in beds and borders.

★Dwarf or Alpine. A fine new strain of excellent dwarf type. The flower-heads are very large and the color-range a selection of many bright and dark shades. Pkt. 25c.; large pkt. 60c.

Sutton's Giant White. The finest large-flowering pure white Sweet William. Pkt. 25c.; large pkt. 40c.

Auricula-flowered, Mixed. A beautiful class of "eyed" single varieties. All colors. Pkt. 10c.; large pkt. 40c.; oz. \$2.25.

Holborn Glory. Giant-flowered Auricula mixed. Pkt. 15c.; large pkt. 40c.

Purple Beauty. Bright deep purple. Pkt. 15c.; large pkt. 40c.

Crimson. Pkt. 10c.; large pkt. 40c.; oz. \$2.25.

Newport Pink. Salmon-pink. Pkt. 10c.; large pkt. 60c.; ¼oz. \$1.00.

Scarlet Beauty. Deep scarlet. Pkt. 10c.; large pkt. 60c.; ¼oz. \$1.00.

Velvety Maroon. Pkt. 10c.; large pkt. 40c.; oz. \$2.25.

White. Pkt. 10c.; large pkt. 40c.; oz. \$2.25.

Single, Mixed. All colors. Pkt. 10c.; large pkt. 30c.; oz. \$2.00.

Double, Mixed. Pkt. 10c.; large pkt. 40c.; ¼oz. \$1.25.

Annual.

Single, Mixed. Pkt. 10c.; large pkt. 40c.; oz. \$1.25.



Sunflower, Stella

Sweet Peas are a guarantee of fragrance

MICHELL'S SPENCER OR ORCHID SWEET PEAS

Sweet Peas are one of the daintiest of garden flowers. In captivating colors, these fine large-flowering varieties will appeal to all. One ounce required for 15-foot row

Spring-Flowering or Hot-Weather Sweet Peas

New Cuthbertson Strain

Now you can grow better Sweet Peas. More heat resistant! Huskier vine growth! Extra long stems! Sparkling colors! This new strain is excellent for outdoor planting. If seed is sown in March, the plants will remain in bloom during very hot weather, up until August. Strong, tall growth, very free flowering; excellent for cutting. These new Sweet Peas are a "must" for every garden.

Coline. Vivid, intense scarlet.

Evelyn. Extra long stemmed; soft salmon-pink.

Frank G. Fine soft rosy lavender. Named for the originator of the new Cuthbertson strain.

Janet. Large frilled flowers of pure white are carried on long heavy stems. Black seeded.

Jessie. Soft lilac-mauve. Very rich coloring.

Lois. Pure rich rose-pink; huge flowers.

Tommy. A clear mid-blue; very beautiful.

Choice Mixed. A well-balanced mixture of the above colors.

Any of above, pkt. 25c.; ½oz. 50c.; oz. 90c.

Novelty Varieties

New Early Dwarf Spencer, Bo-Peep. A new dwarf type growing 18 inches high. The color of the flowers is a rich salmon-pink, making a gorgeous show when planted in solid beds. Pkt. 25c.; ½oz. 40c.; oz. 75c.

Blue and Purple

Fortune. Rich dark blue.

Mrs. Tom Jones. Bright delphinium-blue.

Royal Purple. Rich purple.

Windsor Blue. Finest mid-blue.

Cream

Cream Gigantic. Largest cream; black-seeded.

Deep Pink or Rose

Cheerie-O. A mammoth-flowering, deep begonia-rose. Pkt. 15c.; oz. 50c.

Maytime. Rich golden cerise that will not burn in the sun. Pkt. 15c.; oz. 50c.

Pinkie. Extraordinary large rose-pink.

Lavender

Gleneagles. Large; lavender.

King Lavender. Fine, clear lavender.

Light Pink

Bonny Briar. Sparkling rose-pink.

Diana. Rose on cream; immense.

Orange and Salmon

Debutante. Salmon shaded coral.

Peggy Ann. A rare new shade of attractive salmon-pink.

Golden Dragon. A very large, duplex-flowered orange. Pkt. 15c.; oz. 50c.

Salmon Gigantic. Giant salmon-pink.

Scarlet

Crimson King. Giant; deep carmine.

Huntsman. Bright scarlet.

Welcome. Giant flower. Brilliant sun-proof scarlet.

White

Avalanche. Glistening pure white.

Constance Hinton. Large flowering; white. Black-seeded.

Gigantic. Black-seeded white, extra-large wavy flowers.

King White. Gigantic pure white flowers.

Any of the Spencer varieties, except where noted: Pkt. 10c.; oz. 50c.; ¼lb. \$1.50; lb. \$4.00.

MICHELL'S SUPERB SPENCER MIXTURE

A mixture that cannot be surpassed. We have blended it ourselves from only Giant Waved Spencer varieties in proper proportions of bright colors and including a number of new hybrids of exquisite colors and shades. Pkt. 10c.; oz. 25c.; ¼lb. 60c.; lb. \$2.00.



Sweet Pea, New Cuthbertson Strain

Michell's Early-Flowering Spencer Sweet Peas

Michell's Exclusive Introductions

Top Sergeant. Deep blood-red-crimson, large bold-faced flowers with extra-long stems. An extra-early variety, undoubtedly the truest crimson Sweet Pea. Pkt. 25c.; ½oz. 50c.; oz. 85c.

Forest Fire. Giant bright orange-scarlet, duplexed flowers that will not burn. This new Sweet Pea is very worth while. Pkt. 25c.; ½oz. 50c.; oz. 85c.

Gorgeous. Never have we seen such a colorful Sweet Pea—a glistening golden cerise brightening to a carmine. The magnificent large duplexed flowers are produced in fours and fives on long stiff stems. Pkt. 25c.; ½oz. 50c.; oz. 85c.

Lady Luck. Vivid carmine-rose, suffused with purple; large, perfectly formed flowers. A very heavy producer on long, stout stems, each bearing four blooms. Pkt. 25c.; ½oz. 50c.; oz. 85c.

Bridesmaid. A delicate, sparkling shade of silver-pink, as vigorous, healthy, slim, and supple as the name implies. Bridesmaid bids fair to outstrip the field in popularity as a cut-flower for large table center arrangement. Large flowers, usually fours, on stems 14 to 16 inches long. Pkt. 15c.; ½oz. 40c.; oz. 75c.

Daphne. Soft salmon-pink on cream ground. Giant flowers. Pkt. 25c.; ½oz. 40c.; oz. 75c.

Eileen. Rich begonia-rose, with salmon shadings, changing under certain lights to a dazzling cerise. This two-tone effect gives Eileen a brilliancy of exotic splendor never before obtained in a Sweet Pea. The flowers are large, well placed on long stems. Vigorous grower and free bloomer. Pkt. 15c.; ½oz. 40c.; oz. 75c.

(Sweet Peas continued on page 24)

Be sure to try some of the New Hot-Weather Sweet Peas
These will be sure to please

MICHELL'S EARLY-FLOWERING SPENCER SWEET PEAS, continued

Eleanor Blue. Another good novelty in the new and popular Eleanor blue shade—a clear light blue with a silver sheen. Flowers large, frilled, and of perfect Spencer form, with fours predominating, and pleasingly fragrant. Pkt. 15c.; ½oz. 40c.; oz. 75c.

Fragrance. This delightfully fragrant new variety is, in our opinion, superior to all other lavenders. The extra-large, clear lavender self blooms come on long stems. Pkt. 15c.; ½oz. 40c.; oz. 75c.

Grenadier. Dazzling scarlet. Pkt. 15c.; ½oz. 40c.; oz. 75c.

Hope. The finest black-seeded pure white to date. Flowers of mammoth size. Pkt. 15c.; ½oz. 40c.; oz. 75c.

Navy Blue. A new color in the earlies, and one that has long been wanted. Blooms are rich dark blue with four to a long, strong stem. Vigorous grower. Pkt. 25c.; ½oz. 40c.; oz. 75c.

Michell's Rose Wonder. Beautiful, clear; rose-pink color on a light ground. Pkt. 25c.; ½oz. 60c.; oz. \$1.00.

Shirley Temple. Brilliant rich rose-pink. Four large flowers on each stem. Pkt. 15c.; ½oz. 40c.; oz. 75c.

Treasure Island. Sparkling glowing orange. Very strong growing, throwing a majority of four flowers on 15 to 16-inch stems. Pkt. 25c.; ½oz. 40c.; oz. 75c.

Valencia. A bright orange in color and absolutely sunproof. Stems long. Pkt. 15c.; ½oz. 40c.; oz. 75c.

Michell's Early-Flowering Spencer, Mixed. Pkt. 10c.; ½oz. 40c.; oz. 75c.

STRAWFLOWER

See Helichrysum, page 12.

MICHELL'S "DISTINCTIVE" STOCKS

Michell's Early-Flowering "Nice"

An early-flowering strain of branching habit and a remarkably free bloomer. Large, double, fragrant flowers.

Choice Mixed. All colors. Pkt. 15c.; large pkt. 50c.

Early Giant Imperial Stocks Improved Bismarck

An excellent addition to the early forcing class. The plants are of tall, branching habit, 2 to 2½ feet high, and produce a very high percentage of double flowers on huge spikes. Individual florets measure 2 inches or more in diameter.

Antique Copper. *New.* Rich hellebore-red—a new and attractive shade.

Apple Blossom. Blush-pink.

Buttercup. A deeper shade than canary-yellow.

Canary-Yellow (Golden Ball) Chamois. Ivory, tinted old-rose.

Dark Blue. A new shade.

Elk's Pride. New shade in this early group—an intense royal purple.

Fiery Blood-Red. Extra fine.

Golden Rose.

Lavender.

Lilac.

Mammoth Rose. *Exclusive Michell Introduction.*

Rose. Deep rose-pink.

Rose Charm. Rich, deep rose.

Roselight. Bright rose.

White.

Mixed Colors.

Any of above, pkt. 25c.; large pkt. 50c.

New Giants of California

This magnificent new group is so marked in improvement that we believe they will head the list in forcing Stocks in the very near future. Giants of California are very early flowering with a high percentage of mammoth double flowers, and having the branching habit of the Bismarck. If planted close, they will nearly attain the height of the Column Stock, approximately 2½ to 3 feet.

Golden Gate. Clear golden yellow.

Monterey. Bright pink.

Pacific. Light blue.

Redwoods. Blood-red.

Santa Barbara. Chamois.

Santa Maria. Pure white.

Tahoe. Lavender.

Yosemite. Rose.

Splendid Mixture.

Any of above, pkt. 25c.; large pkt. 50c.

Giant Column Non-Branching Double Excelsior

This new type of Stocks produces one enormous spike 2 to 3 feet in height. Blooms about 10 days earlier than Bismarck.

Michell's Rose Beauty. A fine new variety with exceedingly large double florets. The color is a clear La France-rose-pink—a very popular shade. We believe this Stock to be the outstanding pink in this type.

Ball Blue. Dark lilac-blue.

Ball Pink No. 11. Rose-pink.

Ball White.

Chamois-Rose.

Illusion. Scarlet-red.

Rose-Pink.

Silvery Lilac.

Yellow Wonder. The color is a rich creamy yellow.

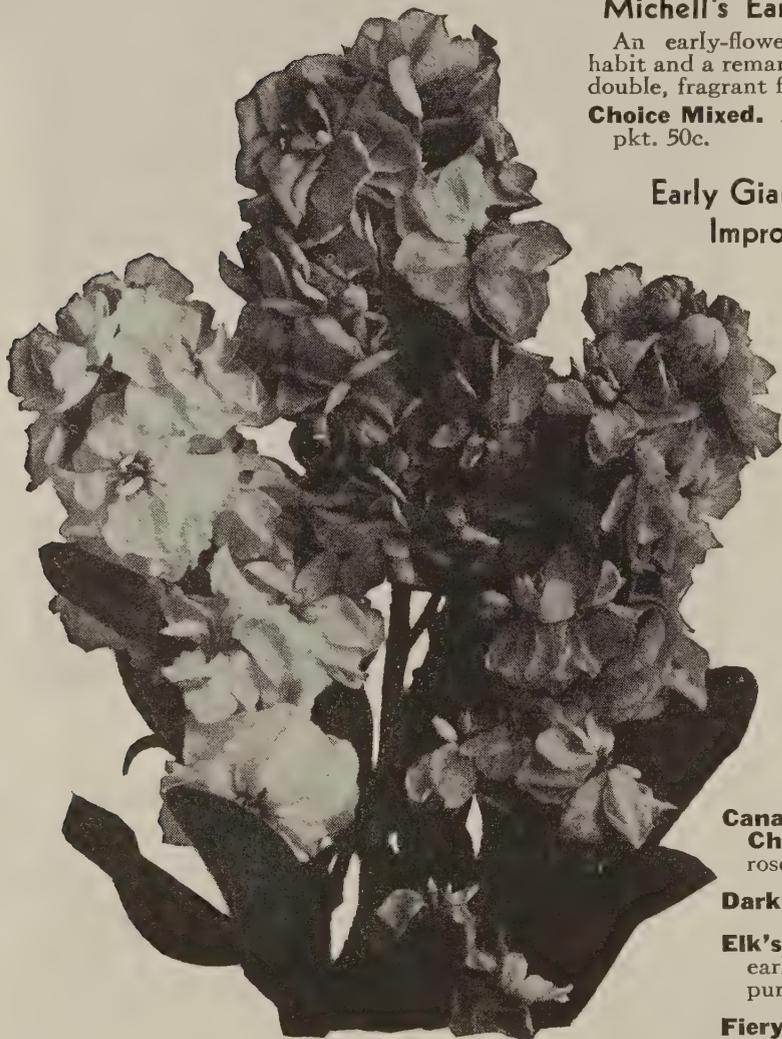
Mixed Colors.

Any of above, pkt. 25c.; large pkt. 85c.

Virginian Stock • Malcomia

Annual.

Mixed. An easy-growing border annual with small lilac, red, or white flowers. Pkt. 10c.; large pkt. 25c.; oz. 75c.



Stocks, Ten-Weeks

Large-Flowered Dwarf Ten-Weeks

Leading variety for bedding out for summer blooming; also fine for pots. 1 ft.

| | |
|-------------------|---------------|
| Blood-Red | Pink |
| Dark Blue | White |
| Light Blue | Yellow |
| Mixed | |

Any of above, pkt. 10c.; large pkt. 40c.

For a novelty in the garden sow some seed of *Hunnemania, Sunlite* (Santa Barbara Poppy). Excellent for cutting and lasts a week in water

Violas are perfect for edging

TAGETES • Single Marigold

Annual. 6 to 8 in.

Signata pumila. A dwarf, compact, bushy Marigold with golden yellow flowers and fern-like foliage. A fine bedding plant. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

TAHOKA DAISY

Annual. 12 in.

Beautiful, free flowering; with fern-like foliage. The daisy-like flowers are lavender-blue and grow on good long stems, which make them splendid for cutting. Seed sown inside in April will commence to flower the latter part of June. For good germination we suggest putting the seed in a refrigerator for a week or ten days. Pkt. 25c.; large pkt. 75c.

THALICTRUM

Perennial. 4 to 5 ft.

Finely cut ornamental foliage.

Dipterocarpum. Flowers rosy purple, with yellow anthers. Pkt. 10c.; large pkt. 75c.

THERMOPSIS

Perennial. 4 ft.

Caroliniana. Yellow lupin-like flowers. Pkt. 10c.; large pkt. 60c.

THUNBERGIA • Black-eyed Susan

Annual.

Mixed. Rapid growing. Pretty vine for trellises, fences, also for window-boxes. Pkt. 10c.; large pkt. 40c.; oz. \$1.75.

TITHONIA

Annual. 6 ft.

Speciosa. Mexican Sunflower. A native of Mexico. Flowers large, orange-scarlet, reminding one of a single zinnia. An excellent cut-flower. This variety is late flowering and must be started early. Pkt. 10c.; large pkt. 40c.

TORENIA

Annual. 12 in.

Fournieri grandiflora. Flowers all summer. Fine for vases, hanging-baskets, borders, etc. Sky-blue with yellow centers. Pkt. 10c.; large pkt. 60c.



Tahoka Daisy



Tagetes signata pumila

TRITOMA • Kniphofia

Red-Hot Poker

Perennial. 2 ft.

Hybrida, Mixed. Free flowering, with large spikes of flowers. Pkt. 10c.; large pkt. 60c.

TROLLIUS • Globe-flower

Perennial. 20 in.

Europaes. Bright yellow. Pkt. 25c.; large pkt. 75c.

VENIDIUM

Monarch of the Veldt

Annual. 18 in.

Fastuosum Hybrids, Mixed. Colors range from apricot to deep golden orange. Pkt. 25c.; large pkt. 60c.

★VIOLA

Biennials. 6 in.

Arkwright Ruby. Ruby-red with terracotta shadings. Very fragrant. Pkt. 25c.; large pkt. 75c.

Jersey Gem. The finest Viola of all. Pure rich violet flowers. Dwarf habit; continuous bloom. Pkt. 25c.; large pkt. 75c.

Viola Bosniaca; Johnny-Jump-Up

Free bloomer. Small leaves. Purple flowers. Pkt. 25c.; large pkt. 75c.

★Viola Cornuta • Tufted Pansies

These resemble pansies in shape and form, and while not quite as large, they bloom more profusely and for a longer time. Seed sown in September produces flowering plants the following spring.

Chantreyland. A fine new Viola in a pure apricot shade. Outstanding in color and free-flowering habit. Pkt. 25c.; large pkt. 75c.

Blue Perfection. Light blue. Pkt. 10c.; large pkt. 75c.

White Perfection. Large; white. Pkt. 10c.; large pkt. 75c.

Yellow Perfection. Golden yellow. Pkt. 10c.; large pkt. 75c.

Mixed. All colors. Pkt. 10c.; large pkt. 60c.

★Viola • Scotch Bedding Pansies

Mixed. Produces larger flowers than *V. cornuta*. Pkt. 25c.; large pkt. 75c.

VINCA ROSEA

Madagascar Periwinkle

Annual. 18 in.

Dwarf bedding plants, easily raised from seed. Deep green, glossy foliage and bright single blossoms of striking beauty. Also suitable for pot-plants. Sow early.

Alba. White, with rose eye.

Alba pura. Pure white.

Kermesina. Bright red.

Rosea. Rose, with dark eye.

Twinkles. Soft blush-pink, bright red eye; huge flowers.

Any of above, pkt. 10c.; large pkt. 40c.

Mixed. Pkt. 10c.; large pkt. 40c.; oz. \$2.50.

WALLFLOWER

Half-hardy Perennials. 2 ft.

Deliciously fragrant blooms. They should be protected in a coldframe in winter and planted out in spring.

Double, Mixed. All colors. Pkt. 10c.; large pkt. 60c.

Early-flowering Double, Mixed. An extra-early variety, flowering from seed in 90 days. Pkt. 10c.; large pkt. 50c.

Single, Mixed. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

1½ ft.

Gold Standard. Double, deep golden yellow, very fragrant blooms. The finest variety for forcing. Pkt. 10c.; large pkt. 75c.

Paris Extra-Early, Mixed. A single-flowering variety which may be treated as an annual, flowering the first year from seed. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

XERANTHEMUM

Everlasting Flower

Annual. 12 in.

Double Mixed. For winter bouquets. Pkt. 10c.; large pkt. 40c.



Viola, Arkwright Ruby

MICHELL'S VERBENAS

Annuals.

1 to 4 ft.

One of the most popular garden annuals for beds and massing, and cannot be excelled for a gorgeous display during the summer months.



Verbena, Beauty of Oxford

Dwarf Upright Michell's Exhibition

This new dwarf upright type is a fine addition to the Verbena group. The plants are dwarf and well branched and produce large flower-heads. The individual florets have distinct eyes and the color-range is a choice mixture of bright shades. This type is fine for bedding and borders. Pkt. 25c.; large pkt. \$1.00; 1/4oz. \$2.00.

New Bush Type

Starlight. A bright mid-blue with a creamy eye. Plants are of uniform bushy habit, about 8 to 10 inches high. Very free flowering. Excellent companion to Salmon Queen. Pkt. 25c.; large pkt. 75c.

Grandiflora, Giant Salmon Queen

A broad, flat-topped, bushy plant about 8 to 10 inches high and 12 to 15 inches across. The flower-heads are large and well filled with broad-petaled florets of an unusually pleasing shade of bright salmon-pink, each with a small white eye. Besides its many advantages as a border plant, the 8 to 10-inch straight stems and attractive color make it very desirable for bouquets. Pkt. 25c.; large pkt. 75c.

Hybrida Grandiflora Giant Varieties

Annapolis Blue. A real deep Belladonna-blue. A strong husky grower with large trusses of 3-inch flowers. Pkt. 25c.; large pkt. 60c.

Brilliant. A rich deep flame-rose with a medium-sized white eye that helps bring out the intense flame color. Pkt. 25c.; large pkt. 60c.

Crimson Glow. The deepest red shade available in this popular garden flower. A rich, glowing crimson, the flowers are a solid mass of color. Pkt. 15c.; large pkt. 60c.

Beauty of Oxford Hybrids, Mixed. Originator's Stock Seed. The color shades from clear rose-pink to rose-red, making this the brightest rose Verbena ever produced from seed. Pkt. 15c.; large pkt. 60c.

Etna. The finest and brightest color in Verbenas—an intense geranium-red with a small yellow eye; very large. Pkt. 15c.; large pkt. 60c.

Giant White. Mammoth flowers, pure white. Pkt. 10c.; large pkt. 60c.

Lavender Glory. A truly magnificent lavender variety of gigantic size. Undoubtedly the most glorious color in Verbenas, being a true lavender, with medium-sized creamy white eye. Very fragrant. Pkt. 15c.; large pkt. 60c.

Lucifer. Large flowers of an intense deep cardinal-scarlet throughout. Pkt. 15c.; large pkt. 60c.

Luminosa. Gigantic blooms of flame-pink, toning to softer shades of pink and coral. Pkt. 15c.; large pkt. 60c.

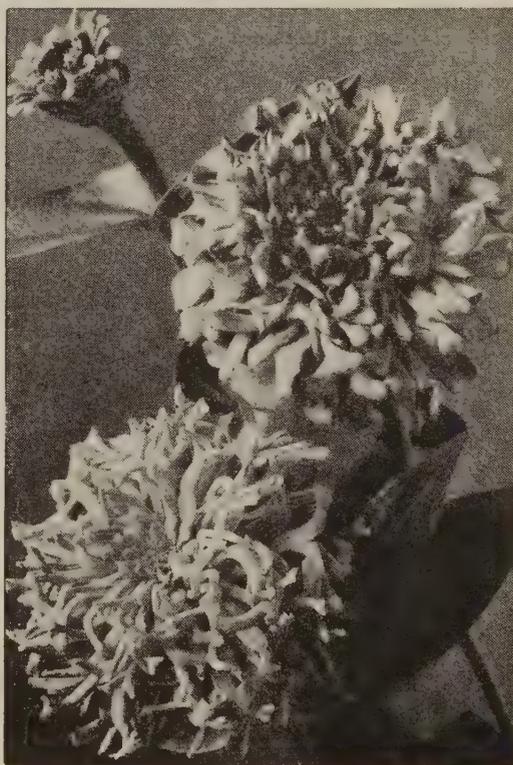
Newport Salmon. *Michell Novelty.* An excellent giant-flowering, true salmon-pink with white eye. Extra-large florets. Pkt. 15c.; large pkt. 60c.

Royale. Rich deep royal blue flowers of enormous size, with creamy yellow eye. Pkt. 15c.; large pkt. 60c.

Mammoth Fancy Choice Mixed. Pkt. 10c.; large pkt. 60c.

Perennial. 12 in.

Venosa. Hardy Garden Verbena. Heliotrope-blue. Fine for bedding. Pkt. 10c.; large pkt. 40c.



Zinnia, Fantasy



Zinnia, Scabious-flowered

XANTHISMA TEXANUM

Star of Texas

Annual. 18 in.

One of the prettiest annuals and deserves to be very popular. The light canary-yellow flowers are single, daisy-like, with long-pointed petals. Pkt. 25c.; large pkt. 60c.

ZINNIAS

Youth and Old Age

Hardy Annuals. 6 to 30 in

One of the most showy and satisfactory of our hardy annuals for beds, mixed borders, and for cutting purposes. Easy to grow in any good garden soil. They commence flowering early in the summer and continue until frost.

Howard's New Giant Crested Choice Mixture. Magnificent shades of orange, orange-scarlet, yellow, rose, maize, and crimson. As cut-flowers they are without a peer. Pkt. 25c.; large pkt. 60c.; 1/4oz. 75c.

Scabious-flowered

Autumn Tints, Mixed. The flowers range through all the gorgeous autumn tints, including orange, bronze, russet, dull red, carmine-red, and intermediate shades. Pkt. 15c.; large pkt. 50c.; 1/4oz. \$1.00.

Mixed. Medium-sized flowers resembling the annual scabiosa. Choice mixed colors. Pkt. 15c.; large pkt. 50c.; 1/4oz. 75c.

Fantasy or Chrysanthemum-flowered Varieties

The fairly large flowers have informally curled and twisted petals which produce an attractive novelty effect. Height 2 1/2 to 3 ft.

Melody. Rich orchid-lavender.

Orange Lady. Bright orange.

Pink Frills. Soft flesh-pink.

Rosalie. Intense rose-pink.

Star Dust. Bright deep golden yellow.

White Light. Pure white.

Wildfire. Dazzling scarlet; a strikingly brilliant color.

Mixture. Formula mixture of all colors in this class.

Any of above, pkt. 15c.; large pkt. 50c.; 1/4oz. 75c.

Zinnias of every type, size and color

California Giant Zinnias

These are larger than the Giant Robusta, and are a cross between them and the Dahlia-flowered. An excellent, long-stemmed type for cutting.

- Brightness.** Deep rose.
Cerise Queen. Orange-rose.
Daffodil. Canary-yellow.
Enchantress. Bright rose.
Golden Queen. Golden yellow.
Grenadier. Dark red.
Lavender Queen. Rosy lavender.
Miss Willmott. Soft pink.
Orange Queen. Golden orange.
Pastel Shades. An outstanding mixture of soft pastel tones.
Purity. Best white.
Salmon Queen. Salmon-rose.
Scarlet Queen. Deep scarlet.
Violet Queen. Purple.
Finest Mixed.
 Any of above, pkt. 10c.; large pkt. 40c.; oz. \$1.75

COLLECTION

- One pkt. each, our selection, of 12 colors.....\$1 00
 One pkt. each, our selection, of 6 colors..... 50

Giant Dahlia-flowered

Plants of vigorous habit, from 2½ to 3 feet high. Mammoth flowers, 4 to 6 inches across and 2½ to 3 inches deep, so closely resembling Decorative Dahlias that when placed by their side it is difficult to distinguish one from the other. This new type is also valuable for growing under glass for cutting.

- Buttercup.** Immense deep creamy yellow.
Crimson Giant.
Dream. Deep lavender, turning to purple.
Exquisite. Light rose, center deep rose.
Golden Dawn. Bright golden yellow.
Golden State. Orange-yellow.
Indian Summer. Mixture of crimson, cherry, flame, burnished copper, yellow, and white. A blend of dazzling colors, excellent for cutting.
Luminosa. A new shade of bright pink.
Old Rose.
Oriole. Orange and gold.
Polar Bear. Pure white.
Purple Prince. Large; deep purple.
Royal Purple. Deep rich reddish purple tones of this Zinnia are a charming reminder of the soft velvet of regal robes.
Scarlet Flame. Scarlet with blending of orange.
 Any of above, pkt. 15c.; large pkt. 40c.; oz. \$2.00
Mixed Colors. Pkt. 10c.; large pkt. 40c.; oz. \$2.00.

COLLECTION

- One pkt. each, our selection, of 12 colors.....\$1 50
 One pkt. each, our selection, of 6 colors..... 75
 One large pkt. each, our selection, of 12 colors..... 3 75

Super Crown of Gold Mixture

The flowers are large and each petal is overlaid with deep golden yellow at the base, while carrying out the individual flower color at the tip. This mixture includes all shades of rose, cream, yellow, carmine-pink, red, and lavender. A vigorous grower, reaching a height of 2½ feet. Pkt. 15c.; large pkt. 60c.; ¼oz. 85c.



Zinnia, California Giant

Zinnia Linearis

A very unusual and interesting new type of Zinnia. 8 to 10 in. Pkt. 15c.; large pkt. 60c.; ¼oz. \$1.00.

Dwarf Double or Cut-and-Come-Again

Compact bushes not over 2 feet in height. Large, double flowers.

- | | |
|--------------------------------|----------------|
| Crimson | Scarlet |
| Flesh-Pink | White |
| Pinkie. Deep rose-pink. | Yellow |
| Salmon-Rose | Mixed |

Any of above, pkt. 10c.; large pkt. 25c.; oz. \$1.00

New Cupid

Small, button-like flowers. Well-formed, very free-flowering plants. 1 ft.

Finest Mixed. Pkt. 15c.; large pkt. 50c.; oz. \$1.75.

Haageana · Mexican Hybrids

Mixed. Very popular small-flowering Mexican Zinnias, which have a charm all their own. Excellent for bedding, making a fine display and having long stems. Exceptionally good for house decoration. Pkt. 15c.; large pkt. 50c.

Annuals sown late will restore garden luster. Marigolds, Phlox, Poppies, and Zinnias will return a wealth of natural color in late August, September, and October, with an added delight in providing flowers for the home.

Elegans · Lilliput or Baby

Of compact habit, not over 15 inches high. Beautiful, miniature, perfectly double flowers.

Black Ruby. *Bronze Medal, All-America Selections.* Deep velvety maroon.

- Canary-Yellow.**
Crimson Gem.
Dainty Gem. New dainty bicolor rose.
Golden Gem.
Lilac Gem.
Purple Gem.
Rosebud.
Salmon-Rose.
Scarlet Gem (Red Riding Hood).
Valencia. A new shade of burnt-orange.
White Gem.
Mixed Colors.

Pastel Mixture. This new mixture is composed solely of delicate shades not found in the ordinary mixed type.

Any of above, pkt. 10c.; large pkt. 25c.; oz. \$1.25

COLLECTION

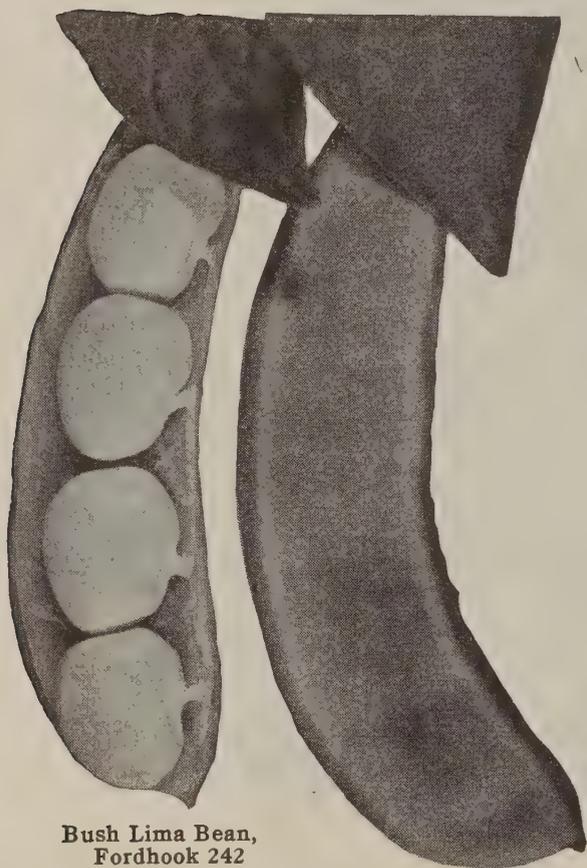
One pkt. each, our selection, of 6 colors, 50c.

Annual Mixed or Wild Flower Garden Seed

This mixture includes a large number of varieties of easy-growing, beautiful and interesting annual flowers which will furnish a profusion of bloom throughout the entire summer and autumn. Many of them will be found useful for cutting. Pkt. 10c.; oz. 25c.; ¼lb. 60c.; lb. \$2.00.

Michell's Vegetable Seeds

Gold Medal Winners and New and Improved Varieties of Vegetable Seeds for 1949



Bush Lima Bean,
Fordhook 242



Cucumber, Marketer

BUSH LIMA BEANS

FORDHOOK 242. Bronze Medal, 1944 All-America Selections. The outstanding characteristic of 242 is its greater productivity, particularly under adverse conditions. It does much better in hot and humid weather than any other Fordhook type. The curved pods are uniform in size, with 3 to 4 thick-seeded Beans of excellent quality and flavor. The plant is as tall as the regular Fordhook but wider spreading and with more foliage. It is the heaviest yielder of the large bush Limas. Pkt. 15c.; $\frac{1}{2}$ lb. 40c.; lb. 75c.; 5 lbs. \$3.50.

BROCCOLI

DE CICCIO. 60 days. An extremely early strain producing large heads ten days ahead of Early Green Sprouting. Excellent for bunching or freezing. Plants medium tall, light green, and very productive. Pkt. 25c.; $\frac{1}{4}$ oz. 85c.; oz. \$1.50; $\frac{1}{4}$ lb. \$4.50.

BUSH BEANS

LOGAN. 52 days. A very prolific, high-quality Bean developed by the U. S. Department of Agriculture. Plant is vigorous and erect, resistant to powdery mildew and common mosaic. Pods set well in adverse weather; are 6 to 7 inches long, round, straight, stringless and fiberless; medium dark green in color and relatively resistant to spotting from bacterial blight. Pkt. 15c.; $\frac{1}{2}$ lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

RANGER. 56 days. Bronze Medal, 1947 All-America Selections. An entirely new variety distinguished by its unusual habit of growth, disease resistance and high yield. Plant is of Refugee type, vigorous and prolific, resistant to common mosaic and downy mildew. Pods silvery green, round, straight and stringless, largely concentrated in the crown of the plant. Pkt. 15c.; $\frac{1}{2}$ lb. 40c.; lb. 75c.; 5 lbs. \$3.50.

RIVAL. 53 days. A very high-quality, prolific strain developed by the U. S. Department of Agriculture. It is resistant to most of the common Bean diseases. Pods are $6\frac{1}{2}$ inches long, round, straight, thick and meaty. Pkt. 15c.; $\frac{1}{2}$ lb. 40c.; lb. 75c.; 5 lbs. \$3.50.

SUPERGREEN. 58 days. Bronze Medal, 1948 All-America Selections. Compared with Tendergreen the pods are longer and more slender, $6\frac{1}{2}$ to 7 inches long, slim, smooth, dark green and stringless. Plants are upright, with fairly concentrated pod set. Pkt. 15c.; $\frac{1}{2}$ lb. 40c.; lb. 75c.; 5 lbs. \$3.50.

CHEROKEE (Valentine Wax). 50 days. A new wax variety developed by the U. S. Department of Agriculture for its excellent productivity, quality and tolerance to Bean diseases. Plant is large and erect. The oval-shaped pods are 6 inches long, bright golden yellow, tender and stringless at all stages. Pkt. 15c.; $\frac{1}{2}$ lb. 40c.; lb. 75c.; 5 lbs. \$3.50.

SUGAR CORN

EARLY WHITE. 60 days. An extra-early white Sweet Corn producing two large 12-rowed ears on each stalk. An excellent Corn for early market or home use. Pkt. 10c.; $\frac{1}{2}$ lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

ERIE. 88 days. A new golden hybrid having long, cylindrical, slightly tapered ears, 12 to 14-rowed. Kernels are medium-narrow, tender, and of excellent quality and flavor. Stalks average $6\frac{1}{2}$ feet in height and are wilt resistant, sturdy and vigorous, showing good drought resistance. Adapted for freezing preservation. Pkt. 15c.; $\frac{1}{2}$ lb. 45c.; lb. 75c.; 5 lbs. \$3.50.

GOLDEN ROCKET. 60 days. A new early yellow hybrid Corn maturing in 60 days, producing ears of excellent quality, averaging 8 inches long, on vigorous stalks. Height 5 to 6 feet. Pkt. 15c.; $\frac{1}{2}$ lb. 45c.; lb. 75c.; 5 lbs. \$3.50.

GOLDEN GLORY. 78 days. An attractive hybrid with certain earworm tolerance; highly resistant to wilt. Plant is tall and sturdy, with nice 8-inch ears having 12 to 14 rows of light yellow kernels of excellent quality. Pkt. 15c.; $\frac{1}{2}$ lb. 45c.; lb. 75c.; 5 lbs. \$3.50.

CELERY

SUPER PASCAL. 137 days. This is by far the finest strain of Pascal Celery obtainable. Resistant to blight. Much heavier stalk than Giant Pascal. Stems entirely stringless. Stalks 22 to 24 inches tall. Pkt. 25c.; $\frac{1}{4}$ oz. \$1.00; $\frac{1}{2}$ oz. \$1.75; oz. \$2.50; $\frac{1}{4}$ lb. \$8.25.

SUPER PLUME. 114 days. Like all our Super Strains of Celery, this is the result of years of careful and rigid selection. Will grow 24 to 26 inches tall, with heavy, stringless, crisp, superbly flavored, 9-inch stems. Withstands blight and other diseases far better than most strains. Pkt. 25c.; $\frac{1}{4}$ oz. 75c.; $\frac{1}{2}$ oz. \$1.25; oz. \$2.25; $\frac{1}{4}$ lb. \$7.25.

SUMMER PASCAL. 110 days. An early-maturing green Celery of superior quality that blanches to a pure white. The stems to first joint are 8 to 9 inches long. Pkt. 25c.; $\frac{1}{4}$ oz. 60c.; $\frac{1}{2}$ oz. 95c.; oz. \$1.75.

CUCUMBER

MARKETER. 65 days. A fine new slender variety. Vines are vigorous and prolific. Fruits are 8 inches long and $2\frac{1}{2}$ inches in diameter. Very dark green, slightly tapered to each end. Notably uniform and trim. Pkt. 15c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50.

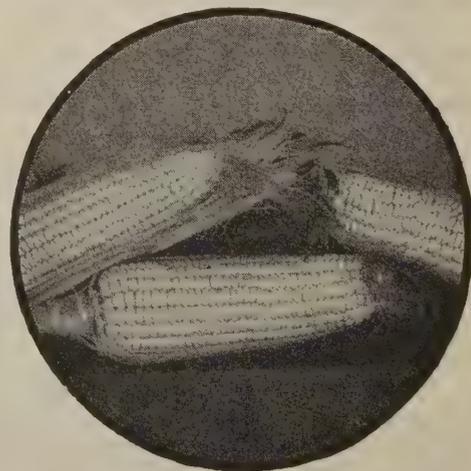
MUSKMELON

HEARTS OF GOLD. 90 days. Mid-season. Round fruit, distinctly ribbed; thick, deep salmon flesh of excellent flavor and can be eaten close to the rind. Pkt. 10c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.25.

PRIDE OF WISCONSIN. 90 days. A new introduction with considerable merit. The rind is a gray color, with a distinct netting. Flesh is unusually thick and of very good flavor. Carries well in shipping. Pkt. 10c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.25.

WATERMELON

GOLDEN HONEY. A truly fine yellow-fleshed variety. Oblong in shape, averaging about 20 pounds in weight. Rind is dark green, with irregular stripes of darker green. Flesh tender and delightfully flavored. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.



Sugar Corn, Early White

ALL PRICES SUBJECT TO MARKET CHANGES

LETTUCE

GREAT LAKES. 82 days. Bronze Medal, 1944 All-America Selections. A decidedly crisp heading Lettuce of the Imperial type. It is of excellent quality and exceedingly sweet and tender. A superior summer Lettuce that stands heat and sun and is exceptionally resistant to tip-burn injury. Very slow to shoot to seed. It does equally well in cool weather. Pkt. 15c.; ½oz. 40c.; oz. 75c.; ¼lb. \$2.50.

IMPERIAL NO. 44. 82 days. This variety has very long, well-folded leaves and produces hard, well-formed heads appreciably less susceptible to tip-burn than other varieties. Pkt. 10c.; ½oz. 30c.; oz. 50c.; ¼lb. \$1.50.

IMPERIAL NO. 847. 84 days. A brown-blight-resistant variety for summer planting. Heads are medium large, hard, fine and well covered by the leaves. Pkt. 10c.; ½oz. 30c.; oz. 50c.; ¼lb. \$1.50.

OAK LEAF. 45 days. A beautiful golden green Lettuce of fine form and valuable because remarkably slow to shoot to seed. Makes attractive loose-leaf heads during the hottest summer weather; no other variety grows so well at that time of the year. The leaves are broad, deeply lobed like an oak leaf, thick, succulent and tender. Pkt. 15c.; oz. 40c.; ¼lb. \$1.25.

PENNLAKE. 82 days. Bronze Medal, 1948 All-America Selections. As the name indicates, this is another new variety bred by Pennsylvania State College for smoothness, uniformity and lack of ribbiness. It is the result of a cross between Great Lakes and Imperial No. 44, combining the solidity and summer heading ability of the former and the larger head size of the latter. Pkt. 25c.; ½oz. 75c.; oz. \$1.25; ¼lb. \$3.75.

PREMIER GREAT LAKES. 74 days. Bronze Medal, 1948 All-America Selections. Developed by Pennsylvania State College. This new variety is from 7 to 10 days earlier than the standard Great Lakes. It is very much more uniform in heading. Leaves are smooth, green, small ribbed and tip-burn resistant. Heads are large and solid, often weighing up to 2 pounds. Excellent for spring and early summer culture. Pkt. 25c.; ½oz. 75c.; oz. \$1.25; ¼lb. \$3.75.

SLOBOLT. 45 days. A new non-heading variety that is very slow to develop seed-stalks in hot weather. Especially desirable for home-garden use. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$2.50.

PEPPER

CALIFORNIA WONDER. 72 days. A fine variety of great merit. The very large fruits often weigh 8 to 10 ounces each and are of glossy green color turning later to vivid red. Flesh thick and mild in taste. Pkt. 15c.; ½oz. 60c.; oz. \$1.15, ¼lb. \$3.35.

TUSCANY. 66 days. A very early, large, and prolific variety, maturing three or four days earlier than Calwonder. Fruits are three to four lobed, thick fleshed and smooth; 4 inches long and 3½ inches in diameter at stem end. Plant is stocky and upright. Pkt. 15c.; ½oz. 95c.; oz. \$1.75.

WORLD BEATER NO. 13. 73 days. New. Introduced by the New Jersey Agricultural Experiment Station. This Pepper is immune to the most destructive disease of Peppers—mosaic. A prolific bearer of large, heavy-fleshed, dark green fruits which turn a ruby-red when fully matured. Pkt. 15c.; ½oz. 60c.; oz. \$1.15; ¼lb. \$3.25.

ONION

SWEET SPANISH. *Utah Strain.* 110 days. Large, globe-shaped, sweet variety, with golden yellow skin. An excellent keeper. Pkt. 15c.; ½oz. 50c.; oz. 95c.; ¼lb. \$3.20.

WHITE BUNCHING. 60 days. An extra-fine variety for early spring and summer use. Seed sown early in the spring will produce long green scallions which blanch white and remain tender for a long time. They do not form a bulb on the bottom. Pkt. 15c.; ½oz. 45c.; oz. 80c.; ¼lb. \$2.55.

PEAS

LAXTON'S PROGRESS. 62 days. 1½ ft. Earlier than Laxtonian. Long pods filled with 8 or 9 large Peas of excellent flavor. Highly recommended for freezing preservation. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

THOMAS LAXTON. 62 days. 3 ft. Exceedingly early and heavy producer of large pods filled with big wrinkled Peas of excellent flavor. Its heavy cropping qualities make it suitable for an early crop in the private garden. Highly recommended for freezing preservation. Pkt. 10c.; ½lb. 35c.; lb. 55c.; 5 lbs. \$2.50.

RADISH

CHERRY BELLE. Round and red as a cherry, with short top and small tap-root. Solid and crisp and especially adapted to forcing. Pkt. 15c.; oz. 60c.; ¼lb. \$1.75.

SQUASH

BUTTERNUT. 90 days. A fine variety of small winter Squash of recent introduction. The fruit is 10 to 12 inches in length, bottle shape, with a thick, solid, meaty neck and a very small seed cavity in bulbous end. The pale orange shell is smooth and hardy, with rich yellow meat. Pkt. 15c.; oz. 65c.; ¼lb. \$1.95.

TABLE QUEEN or ACORN. 58 days. Edible in about 55 days. Fruits 6 to 8 inches long, 3 inches in diameter; deep green rind turning to orange; flesh light yellow. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

ZUCCHINI. 62 days. Cocozelle type. Fruits 12 to 14 inches long; green skin, mottled yellow when matured; flesh delicious. Pkt. 15c.; oz. 40c.; ¼lb. \$1.20.

SPINACH

OLD DOMINION BLIGHT-RESISTANT. 40 days. Produces an abundance of large, dark green, heavily crumpled leaves. Will stand for an extremely long time before seeding. Recommended for late fall planting for spring crop. Pkt. 10c.; oz. 25c.; ¼lb. 75c.; ½lb. \$1.25; lb. \$1.95.

VIRGINIA BLIGHT-RESISTANT SAVOY. 39 days. A variety of vigorous growth, which is immune from disease. Excellent for fall sowing. Pkt. 10c.; oz. 25c.; ¼lb. 75c.; ½lb. \$1.25; lb. \$1.95.

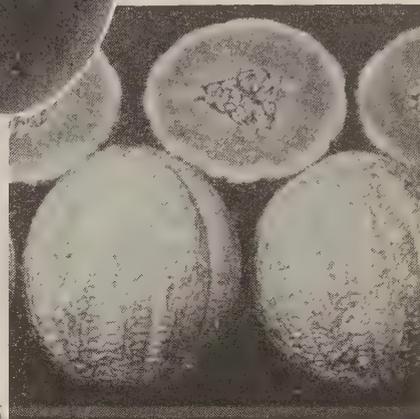
TURNIP

BUCKS COUNTY NECKLESS. 85 days. Although somewhat like American Purple-Top, this variety is earlier, with medium top and very small neck. Flesh is golden yellow, very fine grained, tender and sweet. Pkt. 15c.; oz. 25c.; ¼lb. 75c.; ½lb. \$1.40; lb. \$2.50.

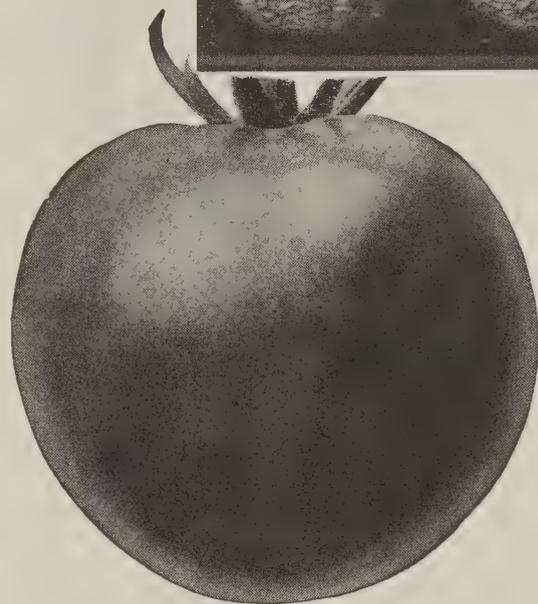
ALL PRICES SUBJECT TO MARKET CHANGES



← Pepper, California Wonder



→ Muskmelon, Pride of Wisconsin



Tomato, Marglobe (Special Strain)

TOMATO

CRIMSON CUSHION or BEEFSTEAK. Non-acid. 90 days. A vigorous grower producing immense, solid, very meaty fruits. Pkt. 15c.; ½oz. 75c.; oz. \$1.40.

GARDEN STATE. 84 days. Plant is very vigorous and resistant to fusarium wilt and late blight. Fruits are globe shape, slightly flattened, thick walled and of mild flavor. Very attractive in size and flavor. Pkt. 15c.; ½oz. 60c.; oz. \$1.10; ¼lb. \$3.25.

MARGLOBE, Special Strain. 77 days. Variety of special merit, practically immune from the many Tomato diseases. Handsome scarlet fruits. Pkt. 15c.; ½oz. 45c.; oz. 85¢.

RUTGERS, Special Strain. 78 days. A new introduction by the New Jersey Agricultural College. It ripens at about the same time as Marglobe and is very productive. An excellent main-crop variety. Pkt. 15c.; ½oz. 45c.; oz. 85¢.

VALIANT. 57 days. An extra-large early market variety producing brilliant scarlet fruits of the globe type. It has a rather sparse, open vine, and therefore should mature most of its crop before the extreme heat. Pkt. 15c.; ½oz. 50c.; oz. 90c.

MICHELL'S VEGETABLE SEEDS

BEANS



Sure-Crop Stringless Wax Beans

Stringless Green-Pod Beans

Prices quoted on Beans are prepaid in quantities up to 5 pounds to the First and Second Zones; for other Zones, see Parcel Post Table on page 1. Larger quantities shipped at purchaser's expense.

Every garden should have Beans, among the finest of all vegetables. They are appetizing, rich in vitamins, and delicious fresh, canned, or dried. Bush or Snap Beans grow quickly and yield heavily. The Pole type is the heaviest yielder over a long period.

Plant 90 pounds per acre; 2 pounds for a 100-foot row

A rich, sandy loam suits Beans to perfection. Toward the end of April, or still better, in May, sowings may be made and may be repeated every two weeks until August. Have the rows about 2 feet apart. Sow quite thinly in the row and about 2 inches deep, thinning out to stand 4 to 6 inches apart in the rows.

MICHELL'S DWARF BEANS

HARICOTS NAINS (Fr.) BUSCHBOHNEN (Ger.)
FAGINOLI NANI (Ital.)

Green-podded Varieties

Bountiful. 53 days. Flat-podded, stringless, tender and a prolific bearer. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

Early Red Valentine. 52 days. An extra-early variety, maturing a crop in 40 to 50 days. Pods 5 to 6 inches long, round, thick, tender, and of good quality. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

Giant Stringless. 53 days. Vigorous grower and a great producer of large, round pods, from 5½ to 6½ inches long. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

Keystonian. 52 days. Honorable Mention, 1944 All-America Selections. This new dwarf green Bush Bean will become a favorite because of its combined productiveness, hardiness and high quality. Pods are 6 to 6½ inches long, round, straight, stringless and of superb quality, making it suitable for canning, freezing, and home use. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

Logan. 52 days. A very prolific, high-quality Bean developed by the U. S. Department of Agriculture. Plant is vigorous and erect, resistant to powdery mildew and common mosaic. Pods set well in adverse weather; are 6 to 7 inches long, round, straight, stringless and fiberless; medium dark green in color and relatively resistant to spotting from bacterial blight. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

Longreen. This new variety is an improved strain of the popular Tendergreen Bean, the distinct difference being that the pods average an inch longer and it is a heavier producer. They are the same attractive type—round, stringless and fiberless, maturing at the same time. Plants are slightly larger and broader leaved. Pkt. 15c.; ½lb. 40c.; lb. 75c.

Masterpiece. 50 to 55 days. The leader among early greenhouse forcing varieties. Pods 7 x ¾ x ¼ inch. Light silvery green, straight, flat, almost entirely stringless and fiberless. Fine texture. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

Ranger. 56 days. Bronze Medal, 1947 All-America Selections. An entirely new variety distinguished by its unusual habit of growth, disease resistance and high yield. Plant is of Refugee type, vigorous and prolific, resistant to common mosaic and downy mildew. Pods are silvery green, round, straight and stringless, largely concentrated in the crown of the plant. Pkt. 15c.; ½lb. 40c.; lb. 75c.; 5 lbs. \$3.50.

Rival. 53 days. A very high-quality, prolific strain developed by the U. S. Department of Agriculture. It is resistant to most of the common Bean diseases. Pods are 6½ inches long, round, straight, thick and meaty. Pkt. 15c.; ½lb. 40c.; lb. 75c.; 5 lbs. \$3.50.

Stringless Black Valentine. 49 days. An improvement over the old strain of Black Valentine. Pods long and slender, semi-round, and stringless. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

Stringless Green-Pod. 50 days. Round-podded sort that is early, prolific, and a continuous bearer. Pods 5 to 6 inches long, very meaty. Even when the pods become quite old they retain their stringless qualities. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

Supergreen. 58 days. Bronze Medal, 1948 All-America Selections. Compared with Tendergreen the pods are longer and more slender, 6½ to 7 inches long, slim, smooth, dark green and stringless. Plants are upright with fairly concentrated pod set. Pkt. 15c.; ½lb. 40c.; lb. 75c.; 5 lbs. \$3.50.

Tendergreen. 52 days. An early stringless variety with round pods at least 6 inches long. Ready for use 52 days after sowing. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

ASPARAGUS

ASPERGE (Fr.) SPARGEL (Ger.)
SPARAGIO (Ital.)

Sow 5 pounds per acre for roots, or 1 ounce to 50 feet

A well-cared-for Asparagus bed improves with age and lasts for many years. It may be established from seed, but much time is saved by planting roots. Seeds should be sown thinly in early spring in rows 1 to 2 feet apart. Thin out the weakest plants so the remainder will be 4 inches apart. When one or two years old, transplant in the permanent bed in rows 3 feet apart, setting the roots 1 to 1½ feet apart, from where it can be cut three years later.

Giant Washington. A rust-resisting variety with long, stout, dark green spears with a rich purple tinge. Pkt. 10c.; oz. 30c.; ¼lb. 75c.

Paradise. New. Commercial growers claim this to be far superior to the Washington types. Pkt. 20c.; oz. 75c.; ¼lb. \$2.50.

Asparagus Roots

Ready about March 20 for spring planting;
about November 1 for fall planting

The two-year roots usually produce two years after planting. Our stock is especially fine in quality.

Giant Washington. 2-yr. roots, 50, \$2.50; 100, \$4.00; 1000, \$30.00.

Dwarf Varieties of Shell Beans FOR WINTER USE

These are always useful for soups, baked beans, etc. They can be used in the green state, like other sorts, when picked very young. Plant when ground is warm in spring and up to July 1, in rows 2 feet apart, Beans 3 inches apart in the row.

Boston Navy or Pea. 93 days. Snowy white variety of small size. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

Long-Pod Broad or Fava. 75 days. An English Bean used in the dry state, shelled. Plant in rows about 3 feet apart, 8 inches apart in the row. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

Dwarf Horticultural. 54 days. One of the best early Shell Beans. Thick, flat, stringless pods colored red and green; Beans large, round, and speckled. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

Red Kidney. 95 days. Pods long, kidney-shaped, light red. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

White Marrow. 100 days. Larger than Boston Navy Bean and extensively planted for shelling for winter or for using in the green state. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

ALL PRICES SUBJECT TO MARKET CHANGES

Test your gardening skill by growing Lima Beans

Yellow-podded Varieties

Cherokee (Valentine Wax). 50 days. A new wax variety developed by the U. S. Department of Agriculture for its excellent productivity, quality and tolerance to Bean diseases. Plant is large and erect. The oval-shaped pods are 6 inches long, bright golden-yellow, tender and stringless at all stages. Pkt. 15c.; ½lb. 40c.; lb. 75c.; 5 lbs. \$3.50.

Improved Rustproof Golden Wax.

Rust-Resistant. 51 days. Vigorous grower. One of the best of the Wax Beans. Pods flat, medium length, good quality. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

Pencil-Pod Black Wax. 55 days. A round-podded, hardy, very early sort that is entirely stringless. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

Round-Podded Kidney Wax. 58 days. *Rust-resistant.* Vigorous grower with fleshy, stringless pods. Pkt. 15c.; ½lb. 40c.; lb. 75c.; 5 lbs. \$3.50.

Sure-Crop Stringless Wax. 53 days. Very productive, hardy and may be planted early. Long, thick, flat pods of excellent quality. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

POLE or RUNNING BEANS

One pound of seed will plant 150 to 200 hills; about 20 pounds, an acre

HARICOTS A RAMES (Fr.) FAGIUOLI (Ital.)
STANGENBOHNEN (Ger.)

When all danger of frost or cold nights is over, plant in hills 4 feet apart each way, about 4 or 5 Beans to the hill, eyes downward, and when up and established, thin out to 3 plants in a hill. One planting usually lasts for the season.

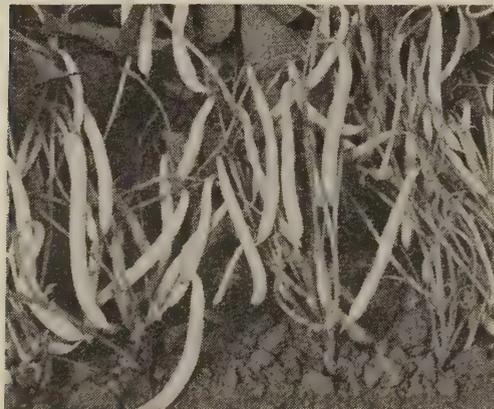
Green-podded Varieties

Decatur. 60 days. Silver Medal. Widely recommended for the garden and wherever Pole Beans grow. It is stringless, resistant to Bean rust, and of the early type. One of the heaviest bearers of them all. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

Horticultural or Speckled Cranberry. 70 days. Long, pale green pods, which become streaked with red when mature. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

Kentucky Wonder or Old Homestead.

65 days. In the South this variety is grown more extensively probably than any other. A tremendous yielder of long, round, tender and practically stringless pods. Ready for picking about 85 days from planting. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.



Cherokee (Valentine Wax) Beans

POLE BEANS, continued

Scarlet Runner. 90 days. While used principally for its flowering qualities, this makes a fine winter Shell Bean. The bright red flowers are an attraction when the vine is used for covering arbors, trellises, fences, etc. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

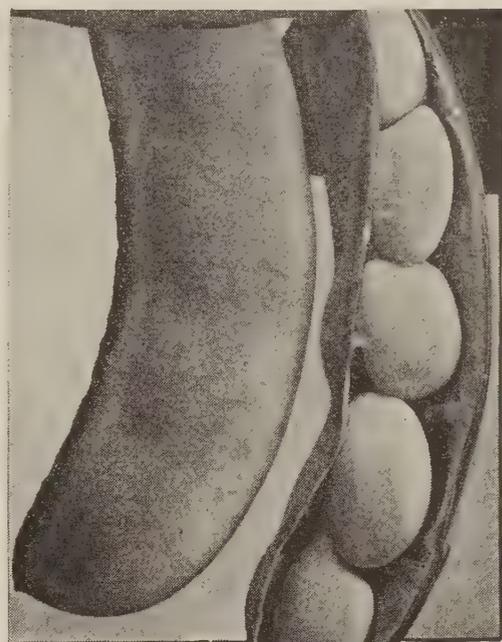
Yard-Long or Giant-podded Asparagus. 72 days. Produces an enormous crop of pods 2 feet or more in length, tender and of excellent quality. Pkt. 15c.; ½lb. 40c.; lb. 75c.; 5 lbs. \$3.50.

Yellow-podded Variety

Kentucky Wonder Wax. 65 days. A very prolific sort, producing long, thick, almost straight pods which are of a light yellow color and of excellent quality. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

Edible Soy Beans

Bansei. 95 days. An early home-garden variety fine for green shelling, not susceptible to shattering. They are a delectable vegetable, either green or dry, and well worth adding to your garden. Soy Beans can be cooked and served similar to Lima Beans. They are prolific and highly resistant to disease and insects. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.20.



Fordhook Bush Lima Beans

Bush or Dwarf Lima Beans

One pound will plant 50 feet of row

Bush Limas should be planted for early crops, as they come into bearing much sooner than the pole varieties. Plant in rows about 30 inches apart, spacing them 4 inches apart in the row and covering to the depth of 1½ inches.

Cangreen. 66 days. Green-seeded Lima notable for the green color of the fleshy part of the seed in the dry stage, making it very attractive for canning. Highly recommended for freezing preservation. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

Baby Fordhook. 72 days. Plant small but branchy and vigorous; pods very numerous, tightly filled with 3 or 4 small plump seeds of high quality. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

Burpee's Improved. 77 days. A great improvement over the old strain of Burpee's Bush Lima. The Bean is thicker, sweeter, and the bush more prolific. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

Fordhook 242. Bronze Medal, 1944 All-America Selections. The outstanding characteristic of 242 is its greater productivity, particularly under adverse conditions. It does much better in hot and humid weather than any other Fordhook type. The curved pods are uniform in size, with 3 to 4 thick-seeded Beans of excellent quality and flavor. The plant is as tall as the regular Fordhook but wider spreading and with more foliage. It is the heaviest yielder of the large bush Limas. Pkt. 15c.; ½lb. 40c.; lb. 75c.; 5 lbs. \$3.50.

Fordhook. 75 days. Distinct, upright, vigorous growth; pods borne in clusters well above the ground and frequently contain 4 thick, luscious Beans. Matures early and continues in bearing until frost. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

Henderson's. 67 days. Dwarf, compact-growing variety; large clusters of pods containing very small, flat Beans. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

If you want your Bean-patch to yield earlier and better, inoculate the seed before planting with LEGUME-AID. When ordering, be sure to specify if wanted for garden Beans, as each leguminous crop requires a separate culture. See page 109.

LIMA BEANS

HARICOTS A RAMES (Fr.)
STANGENBOHNEN (Ger.)
FAGIUOLI DI LIMA (Ital.)

Prices quoted on Beans are prepaid in quantities up to 5 pounds to the First and Second Zones; for other Zones, see Parcel Post table on page 1. Larger quantities shipped at purchaser's expense.

Pole Varieties

Two pounds will plant 100 hills; 25 to 30 pounds, an acre

Plant when all danger of frost or cold nights is over, with the eye of the Bean down. Put a liberal number in a hill, as this is cheaper than replanting. When up and established, thin out to 3 or 4 plants in a hill. The poles should be set as soon as the garden is made, in rows about 3 feet apart with the poles about 3 feet apart in the row. It is a good plan to put a small shovelful of well-rotted cow-manure in each hill when the poles are set, so the Beans, when started, will make rapid growth and mature early.

Carpinteria. 88 days. Retains its green color in all stages of growth, even after being dried, and combines wonderful prolificness, flavor, and size. A good early variety with 4 or 5 Beans in a pod. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

Challenger or Dreer's Improved. 92 days. Although somewhat smaller than other Limas, it is very early, prolific and of delicious flavor. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

Giant-podded. 90 days. Heavy, stocky vine well filled with clusters of gigantic pods. Nice-sized white Beans. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

King of the Garden. 88 days. An old-time favorite. Sturdy grower, exceedingly productive and of good flavor. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

Carolina or Sieva. 77 days. Produces small flat Beans of fine quality. Heavy yielder. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

CEDAR BEAN-POLES (Pointed). Extra-selected quality, about 10 feet long. 12 for \$3.50; 25 for \$6.50; 50 for \$12.00; 100 for \$20.00.

ALL PRICES SUBJECT TO MARKET CHANGES

MICHELL'S CHOICE BEET SEED

BETTERAVE (Fr.) SALATRUBE (Ger.)
BARBABIETOLA (Ital.)

One ounce will sow a row 50 feet long;
5 pounds, an acre

Beets are tasty, a pleasing addition to your menu. The Beet tops can also be used, having an unusually high food-value, being rich in Vitamins A and C, with a goodly percentage of calcium and iron.

Sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked; when the plants are large enough, thin to stand 4 inches apart in the row. For an early crop in hotbed sow the seed in early March, while for a winter supply sow about July 10 outdoors.

Crimson Globe. 56 days. Rich deep red Beets, almost round, with a distinct delicious flavor, and very tender. Pkt. 10c.; oz. 30c.; ¼lb. 85c.; lb. \$2.50.

Crosby's Egyptian, Special Strain. 51 days. A special selection of the usual strain and repeated tests have proved it to be a darker red and much earlier. Pkt. 15c.; oz. 35c.; ¼lb. \$1.00.

Crosby's Egyptian. Usual Strain. 51 days. Especially desirable on account of its rich blood-red color throughout. Early, and one of the best table Beets. Pkt. 10c.; oz. 30c.; ¼lb. 85c.; lb. \$2.50.

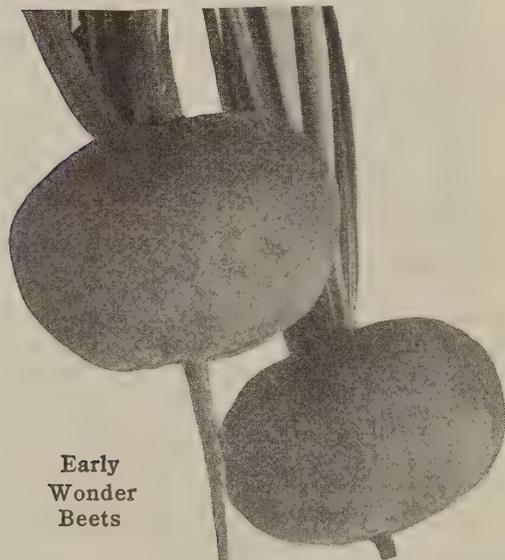
Detroit Dark Red, Michell's Special Strain. 56 days. Carefully reselected seed from the choicest, most uniform roots. Found superior to the usual type of Detroit Beet. Pkt. 15c.; oz. 45c.; ¼lb. \$1.45.

Detroit Dark Red. Usual Strain. 56 days. Pkt. 10c.; oz. 35c.; ¼lb. 90c.; lb. \$3.00.

Early Wonder. 58 days. Extra-early, globe-shaped, with deep blood-red, tender flesh. Pkt. 10c.; oz. 30c.; ¼lb. 85c.; lb. \$2.50.

Winter Keeper. 78 days. Top-shaped Beet with rich red, tender, sweet flesh. One of the best winter varieties. Pkt. 15c.; oz. 35c.; ¼lb. 95c.; lb. \$3.00.

LAGS RABBIT CHASER. Spray on plants and vegetables to repel rabbits. Will not burn or harm plants or rabbits. 4-oz. bottle with directions, 50c.



Early
Wonder
Beets

Mangel-Wurzel

Sow 5 pounds per acre during April and May, in thoroughly plowed, well-manured soil, in drills about 2 feet apart, and thin out to 1 foot apart in the row. Keep the weeds down by frequent hoeing and cultivating. Low ground is best for Mangel-Wurzels.

Golden Tankard. 102 days. The best long yellow Mangel. Matures earlier than other large sorts. Pkt. 10c.; oz. 25c.; ¼lb. 75c.; lb. \$2.20.

Lane's Improved White Sugar. 100 days. Attains an enormous size, growing considerably above the ground. One of the best for stock-feeding. Pkt. 10c.; oz. 25c.; ¼lb. 75c.; lb. \$2.20.

Mammoth Long Red. 110 days. An enormously productive variety, yielding from 50 to 75 tons to the acre, a single root often weighing from 20 to 40 pounds. The best long red Mangel. Pkt. 10c.; oz. 25c.; ¼lb. 75c.; lb. \$2.20.

SWISS CHARD

Spinach Beet

POIRE (Fr.) BEISSKOHL (Ger.)
BIETA (Ital.)

One ounce will sow a row about 50 feet long

Can be used in five weeks after sowing, and is a continuous crop until killed by frost. Cultivated for the leaves which are used for greens; the outer leaves only should be carefully pulled from the plant and the foliage part separated from the rib in preparing to cook. Chard is served like spinach which it resembles in taste; the ribs when boiled and served with melted butter are the equal of the finest asparagus.

Dark Green Curled. 55 days. Large, dark green leaves with silvery white stems, tender and of fine flavor. Pkt. 15c.; oz. 25c.; ¼lb. 75c.

Giant Lucullus. 50 days. Very tall-growing, with crinkly leaves often 2 feet long. Beautiful ornamental plant for any garden. Pkt. 15c.; oz. 25c.; ¼lb. 75c.

Fordhook Giant. 55 days. A recent introduction of real merit. The leaf is dark green, heavily crumpled as in Lucullus. Midrib is wide and thick, with a good white color. The plant is strong, sturdy and a good grower. Pkt. 15c.; oz. 25c.; ¼lb. 75c.

Swiss Chard Rhubarb. 60 days. A delicious Chard having a bright rich crimson leaf-stalk that resembles rhubarb, and dark green crumpled leaves, veined with crimson. Pkt. 15c.; oz. 50c.

BORAGE

An herb whose leaves are used as a salad. Pkt. 15c.; ¼oz. 60c.; ½oz. \$1.00; oz. \$1.50.

BRUSSELS SPROUTS

CHOU DE BRUXELLES (Fr.) ROSEKOHL (Ger.)
BERZA DE BRUSSELS (Ital.)

One ounce will produce about 3000 plants

Sow seed about May 15 and transplant when about 4 inches high, in rows 3 feet apart, 2 feet apart in the row. When heads begin to crowd, the lower leaves should be broken from the stem of the plant to give them plenty of room. Best for cooking after slight frost.

Mammoth Fancy. 90 days. We have an exceptionally fine strain of these Sprouts. Compact, dwarf type, having stems covered with fancy, solid Sprouts. Pkt. 25c.; ½oz. \$1.25; oz. \$2.00.

Long Island Improved. 90 days. Compact heads. Very productive. Pkt. 15c.; ½oz. 50c.; oz. 90c.

Matchless Improved. 90 days. Pkt. 25c.; ½oz. \$1.25; oz. \$2.00.



Broccoli

BROCCOLI

BROCCOLI (Fr.) SPARKELKOHL (Ger.)
BROCCOLI (Ital.)

One ounce will produce 3000 plants

Resembles cauliflower and often grown where the latter does not thrive. Culture is similar.

De Cicco. 60 days. An extremely early strain producing large heads ten days ahead of Early Green Sprouting. Excellent for bunching or freezing. Plants medium tall, light green and very productive. Pkt. 25c.; ½oz. 85c.; oz. \$1.50; ¼lb. \$4.50.

Early Green Calabrese. 70 days. The standard variety for home or market garden. The plant is tall, with central head and numerous side sprouts. When the central head is cut, the side sprouts shoot out small clusters that continue to furnish heads over a long season. Pkt. 15c.; ½oz. 45c.; oz. 80c.; ¼lb. \$2.25.

Rapa or 40-Day. A very early type of sprouting Broccoli producing many small heads. The seed is usually broadcast thickly. Cut when about 10 to 12 inches high, just before the heads burst into bloom. Suitable for early spring or fall sowing. Makes very fine greens. Pkt. 10c.; ½oz. 20c.; oz. 35c.; ¼lb. \$1.00.

CARAWAY

Herb used for flavoring, etc. Pkt. 15c.; ½oz. 50c.; oz. 90c.

Chinese or Celery Cabbage

A native of China and distinct from other Cabbage. It grows like Romaine lettuce, and makes a tasty salad, having a delightful flavor. Seed should be sown the latter part of July, in rows 2½ feet apart, and the plants thinned out to 18 to 20 inches in the rows; if sown too early the heat causes it to run to seed. The heads mature in 8 to 10 weeks.

Chihili (Improved Pekin). 75 days. Early and dependable in heading. Head 3 to 4 inches thick, tapered at tip, solid, blanches well, sweet and tender. A superior variety. Pkt. 10c.; ½oz. 25c.; oz. 40c.; ¼lb. \$1.25.

Wong-Bok. 85 days. Does not grow as tall as Pe-Tsai, but is thicker through. Heads are elongated, self-folding, and require no blanching. Pkt. 10c.; ½oz. 25c.; oz. 40c.; ¼lb. \$1.25.

ALL PRICES SUBJECT TO MARKET
CHANGES



Chantenay Carrots

MICHELL'S CHOICE CARROT SEED

CAROTTE (Fr.) MOHRRUBE (Ger.)
CAROTA (Ital.)

One ounce will sow 100 feet of drill;
3 to 4 pounds, an acre

For an early crop, sow as soon as danger from frost is over, in rows 1 foot apart; when 2 inches high, thin out to stand 2 inches apart in the row. For a late crop, sow in May or June.

California Bunching. 77 days. The roots at full maturity are almost cylindrical, 1 to 1½ inches in diameter, about 8 inches long, smooth, and free from side shoots. Red flesh of fine quality. Pkt. 15c.; ½oz. 30c.; oz. 45c.; ¼lb. \$1.25; lb. \$3.50.

Chantenay Half-Long, Special Strain. 72 days. Selected for earliness and uniformity, its tenderness and fine flavor have proved it a superior stock. A stump-rooted, orange-scarlet variety, 5 inches long, with tender, fine-grained flesh. Especially desirable for market or home use. Pkt. 15c.; ½oz. 30c.; oz. 50c.; ¼lb. \$1.35; lb. \$3.75.

Chantenay Half-Long, Usual Strain. 72 days. Pkt. 10c.; ½oz. 25c.; oz. 40c.; ¼lb. \$1.10; lb. \$3.00.

Coreless or Nantes Half-Long. 70 days. One of the finest medium-sized sorts. Roots blunt-pointed, smooth, bright orange, and of excellent quality. Pkt. 15c.; ½oz. 30c.; oz. 50c.; ¼lb. \$1.35; lb. \$3.75.

Danvers Half-Long. 75 days. The best for general-crop variety; a heavy yielder and excellent keeper. It is stump-rooted, 6 to 7 inches long, and rich orange. Pkt. 15c.; ½oz. 30c.; oz. 45c.; ¼lb. \$1.25; lb. \$3.75.

Early Scarlet Horn. 64 days. A favorite early red variety. Stump-rooted, about 6 inches long; flesh fine-grained and of good flavor. Ideal for soups. Pkt. 15c.; ½oz. 35c.; oz. 55c.; ¼lb. \$1.75.

Guerrande or Oxheart. 72 days. A desirable variety on soils too hard and stiff for the longer-growing sorts, as it is not over 3 to 4 inches long. Flesh rich orange, of fine flavor. Pkt. 10c.; ½oz. 30c.; oz. 45c.; ¼lb. \$1.25; lb. \$3.25.

Imperator. 77 days. The roots are 7 to 8 inches long, tapering gradually toward the tip. The fine-grained deep orange flesh is exceptionally mild and of sweet flavor. Pkt. 10c.; ½oz. 25c.; oz. 40c.; ¼lb. \$1.10; lb. \$3.00.

Improved Long Orange. 88 days. Deep orange, 10 inches long. Yields heavily. Fair table quality; best for stock-feeding. Pkt. 10c.; ½oz. 25c.; oz. 40c.; ¼lb. \$1.10; lb. \$3.00.

MICHELL'S CHOICE CABBAGE SEED

CHOU POMME (Fr.) KOPF KOHL (Ger.) CAVOLO CAPPUCCIO (Ital.)

One ounce will produce about 3000 plants; 4 ounces, enough for an acre

Our strains, the very best to be had, are selected from specimen heads in well-rogued fields. Sow seed of the early varieties in February in hotbeds and transplant, the latter part of April or early in May, to open ground, or an early sowing can be made in open ground as soon as weather permits. Set plants in rows 2 feet apart and 1 to 1½ feet apart in the row. Sow second-early varieties in April and transplant in May; late varieties in May and transplant in July, setting plants in rows 3 feet apart and 2 feet apart in rows. Never plant Cabbage in the same location two years in succession.

Early Cabbage

Allhead. 78 days. The largest of the early Cabbages. Head roundish flat and remarkably solid; excellent for winter as well as early spring. Pkt. 15c.; ½oz. 30c.; oz. 55c.; ¼lb. \$1.65.

Charleston or Large Wakefield. 74 days. Similar to Extra-Early Jersey Wakefield, but the heads are more blunt, grow almost twice the size, and mature one week later. Pkt. 10c.; ½oz. 25c.; oz. 45c.; ¼lb. \$1.50.

Copenhagen Market. 69 days. An early, round-headed variety, following Golden Acre. The heads frequently weigh as much as 10 pounds. Pkt. 15c.; ½oz. 35c.; oz. 60c.; ¼lb. \$1.75.

Extra-Early Jersey Wakefield. 63 days. Uniform, pointed heads. Outer leaves form a protection for the heads, permitting it to be set out earlier than other sorts. Pkt. 10c.; ½oz. 30c.; oz. 55c.; ¼lb. \$1.50.

Glory of Enkhuizen. 80 days. Regarded as the standard midseason variety. Well adapted for kraut purposes. Head is 9 inches in diameter, solid, round, of very fine quality. A sure cropper. Pkt. 15c.; ½oz. 35c.; oz. 60c.; ¼lb. \$1.75.

Golden Acre. 64 days. Dwarf plants and round, solid, uniform heads, averaging 3 pounds in weight. Has few outer leaves, making it suitable for close planting. Pkt. 15c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.10.

Green Acre. 66 days. An entirely new type of extra-early, round-headed Cabbage. The only white variety which possesses an inherent green-colored surface of head. Pkt. 15c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.10.

Yellows-Resistant Varieties

These are highly recommended to yield satisfactory crops where other varieties fail because of Wilt or "Yellows."

✓ **Wisconsin All-Seasons.** 90 days. Selected from All-Seasons. Late drumhead variety showing great resistance to mosaic disease and yellows. It is exceptionally hardy and will withstand drought and insects unusually well. Very heavy yielder. Pkt. 15c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.10.

✓ **Bugner.** 100 days. One of the most popular of the green type of yellows-resistant Cabbage. Very large, slightly flattened, globe-shaped head weighing 8 to 10 pounds. Very high yielding and a good keeper. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$2.65.

✓ **Detroit.** 64 days. Similar to Golden Acre except slightly larger plant growth and not quite as uniform. Heads are round and solid; interior white and of good quality. Pkt. 15c.; ½oz. 45c.; oz. 85c.

✓ **Golden Acre Resistant.** 64 days. Similar to regular Golden Acre. Very desirable for planting on yellows-infested soil. Pkt. 15c.; ½oz. 45c.; oz. 85c.

✓ **Wisconsin Ballhead.** 85 days. A yellows-resistant strain selected from Danish Ballhead, practically identical in type and season. Round, solid, compact head with short stem and blue-green foliage. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$2.65.

✓ **Globe.** 75 days. A yellows-resistant strain of Glory of Enkhuizen; of similar type and usage. Heavy yielder, widely used for kraut and shipping. Pkt. 15c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.10.

✓ **Jersey Queen.** 66 days. The first of the resistant types to mature. In type and earliness similar to Jersey Wakefield. Pkt. 15c.; ½oz. 35c.; oz. 60c.; ¼lb. \$1.75.

✓ **Marion Market.** 79 days. A very large, round head; early, solid and of fine quality. Pkt. 15c.; ½oz. 35c.; oz. 60c.; ¼lb. \$1.75.

✓ **Danish Red Ballhead.** 105 days. Our strain of this popular yellows-resistant variety is similar to the Danish Ballhead type, differing only in color, which is purple-red becoming deeper with maturity. Pkt. 20c.; ½oz. 75c.; oz. \$1.50.

✓ **Wisconsin (Hollander).** 105 days. A splendid late variety. Attractive, large, globular heads; very solid, weighing from 8 to 10 pounds. Splendid for winter and an excellent variety for kraut. Pkt. 15c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.10.

✓ **Red Hollander.** 100 days. A uniform round head, late, purple-red Cabbage. Solid and compact from formation to maturity. Highly resistant to the yellows. Pkt. 20c.; ½oz. 60c.; oz. \$1.00; ¼lb. \$2.95.

Late or Winter Varieties

Danish Ballhead. Dwarf Stem. Unequaled for massiveness, weight, and keeping qualities. It is crisp, tender, and sweet. Does well under almost any condition of moisture or drought. Pkt. 10c.; ½oz. 35c.; oz. 60c.; ¼lb. \$2.00.

✓ **Late Flat Dutch.** 100 days. This seed has been selected especially for our trade from the finest type of heads, chosen for solidity and uniformity. Large heads of unsurpassed quality. Pkt. 10c.; ½oz. 25c.; oz. 45c.; ¼lb. \$1.50.

✓ **Mammoth Red Rock.** 100 days. Good winter keeper. Heads globe-shaped, slightly flattened, and very hard. Pkt. 15c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.10.

✓ **Perfection Drumhead Savoy.** 90 days. A beautiful crimped-leaved sort with almost round, deep glossy green heads. Savoy Cabbage is distinctly flavored, being much sweeter than the other kinds. Pkt. 10c.; ½oz. 30c.; oz. 50c.; ¼lb. \$1.50.

✓ **Penn State Ballhead.** 105 days. Exceptionally hard, flattened globe heads 6 to 7 inches deep. Very good for winter storage and kraut. Pkt. 15c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.10.

ALL PRICES SUBJECT TO MARKET CHANGES



Charleston or Large Wakefield Cabbage

Take your "daily dozen" with a hoe—there's nothing like it

CAULIFLOWER

CHOU-FLEUR (Fr.) BLUMENKOHLE (Ger.)
CAVOL FIORE (Ital.)

One ounce will produce about 3000 plants

Sow seed in hotbeds or window-boxes, in February or March, and transplant in coldframes. When hard frosts are over, plant outdoors. For second crop, sow in April and set out in May; for late crop, sow in June and set out in July. Plants should be set in rows 3 feet apart, 2 feet apart in the row.

Danish Giant or Dry Weather. 67 days. An ideal variety for summer use, as it stands drought and heat better than other sorts. Enormous snow-white heads. Later than other varieties. Pkt. 25c.; large pkt. 60c.; ¼oz. \$1.00; ½oz. \$1.85; oz. \$3.50.

Early Snowball. 54 days. Fine for either forcing under glass in coldframes or outdoor spring planting. Magnificent, medium-sized, white heads. Pkt. 25c.; large pkt. 60c.; ¼oz. 95c.; ½oz. \$1.75; oz. \$3.25.

Early Purple Head. This is the best strain of purple Cauliflower, producing large, tight, uniform heads. Plants set out late in June are ready to cut about October 1. Pkt. 25c.; ¼oz. \$1.00; ½oz. \$1.85.

New White Wonder. 55 days. An improved strain developed and bred for the critical grower. Good-sized, very solid heads, fine-grained, pure snowy white which does not turn yellow, even in the bright sunlight. Pkt. 25c.; large pkt. 75c.; ¼oz. \$1.75; ½oz. \$2.75.

Snowdrift. 55 days. One of the best varieties for shipping long distances. Plant of medium height with upstanding, medium green outer leaves. Head slightly larger than Snowball, firm, solid, very white, well protected by inner folding leaves; curd has fine texture and is free from small protruding leaves. Pkt. 25c.; large pkt. 60c.; ¼oz. \$1.00; ½oz. \$1.85; oz. \$3.50.

Super Snowball. 55 days. A highly desirable main-crop variety; also used for early planting. Starts heading early and uniformly. Heads medium large, compact, very white. Much used by produce growers and shippers. Pkt. 25c.; large pkt. 75c.; ¼oz. \$1.75; ½oz. \$2.75.

Veitch's Autumn Giant. 85 days. A very desirable, large, late variety. Pkt. 25c.; large pkt. 60c.; ¼oz. 85c.; ½oz. \$1.50.

Cauliflower Broccoli, Pearl Type, November. This variety is very similar to the late-maturing Cauliflower. Under proper conditions seed sown in June will produce large white heads in November. Pkt. 25c.; large pkt. 75c.; ¼oz. \$1.75; ½oz. \$2.75.

CARDOON

Large Smooth. 180 days. Grown for the fleshy leaf-stalks or midribs. Plants grow about 3 feet tall; grayish green color. Leaves may be tied to hasten blanching. Pkt. 15c.; ½oz. 40c.; oz. 75c.

CATNIP (Herb)

For making tea; a cat tonic, etc. Leaves and young shoots used for seasoning. Pkt. 15c.; ¼oz. 75c.; ½oz. \$1.25; oz. \$2.00.

CELTUCE

80 days. Belongs to the lettuce family. When the light green leaves are young it may be used as lettuce and when the mature stalks are peeled of the tough outer skin they may be cooked or used as a raw vegetable like celery. Pkt. 15c.; ½oz. 55c.; oz. \$1.00.

CELERY

CELERI (Fr.) SELLERIE (Ger.)
SEDANO (Ital.)

One ounce will produce 3000 to 5000 plants;
½ pound will sow an acre

Sow in hotbeds in March, or in open ground in April. See that no weeds infest the seedbed. When 3 inches high, transplant in a bed outdoors in rows 3 inches apart each way; let them remain there until July, when they should be planted where they are to mature, in rows 3 feet apart, 6 inches apart in the row. Celery plants, if topped a few times, before and when transplanted into their permanent growing place, will make shorter, stockier plants.

Seeds offered on this page mailed
postpaid at quoted prices

Super Fullheart. 107 days. During our search for the best, we found this strain of Easy-Blanching or Fullheart to be unsurpassed. Medium tall, compact, heavy, firm and crisp stalks. Excellent for hearts. Show considerable resistance to heart and root rot and blight. Pkt. 25c.; ¼oz. 75c.; ½oz. \$1.25; oz. \$2.25; ¼lb. \$7.25.

Super Pascal. 137 days. This is by far the finest strain of Pascal Celery obtainable. Resistant to blight. Much heavier stalk than Giant Pascal. Stems entirely stringless. Stalks 22 to 24 inches tall. Pkt. 25c.; ¼oz. \$1.00; ½oz. \$1.75; oz. \$2.50; ¼lb. \$8.25.

Super Plume. 114 days. Like all our Super Strains of Celery, this is the result of years of careful and rigid selection. Will grow 24 to 26 inches tall, with heavy, stringless, crisp, superbly flavored, 9-inch stems. Withstands blight and other diseases far better than most strains. Pkt. 25c.; ¼oz. 75c.; ½oz. \$1.25; oz. \$2.25; ¼lb. \$7.25.

Summer Pascal. 110 days. An early-maturing green Celery of superior quality that blanches to a pure white. The stems to first joint are 8 to 9 inches long. Pkt. 25c.; ¼oz. 60c.; ½oz. 95c.; oz. \$1.75.

Easy-blanching. 110 days. *Usual Strain.* An excellent early variety, being ready in October. Enormous, very crisp stalks. Pkt. 10c.; ½oz. 45c.; oz. 85c.; ¼lb. \$2.50.

Emperor. 126 days. Dwarf-growing, very brittle, and of extra-fine flavor. A good winter keeper. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$3.00.

Golden Plume. 115 days. *Usual Strain.* Matures early and blanches quickly. Crisp, tender, stringless stalks of finest flavor. Pkt. 15c.; ½oz. 75c.; oz. \$1.25; ¼lb. \$3.75.

Golden Self-blanching. 114 days. The beautiful golden stalks attain a height of 1½ feet, are never pithy, and of excellent flavor. Ready in October, but may be kept for early winter use. Pkt. 15c.; ½oz. 75c.; oz. \$1.25; ¼lb. \$3.75.

Giant Pascal. 138 days. Thick, meaty, tender stalks of unsurpassed flavor. One of the best because of its long season, being fit for use in October and keeps well into spring. Pkt. 10c.; ½oz. 45c.; oz. 85c.; ¼lb. \$2.50.

Salt Lake or Utah. 127 days. An excellent green variety for all uses. Matures about a week or ten days earlier than Giant Pascal. Plants compact and exceptionally solid. Stems thick, well rounded, of fine quality, and rich nutty flavor. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$3.00.

CELERY, continued

White Plume. 112 days. The standard early Celery for market and the home-garden. The stalks and heart blanch very quickly to almost a pure white; very crisp and brittle. Ready early in November. Pkt. 10c.; ½oz. 45c.; oz. 85c.; ¼lb. \$2.50.

Winter Queen. 132 days. A medium tall, solid variety that lasts through the winter. The heart is very full and large. Pkt. 10c.; ½oz. 45c.; oz. 85c.; ¼lb. \$2.50.

CELERIAC

This is a two-purpose vegetable; the leaves are cut when young and used to flavor soups and meats; the roots are boiled, sliced, cooled, and served as a salad.

Giant Prague. 112 days. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$3.00.

Celery for Flavoring

Not for sowing. ¼lb. 75c.

CHERVIL

One ounce of seed will sow a row about 100 feet long.

90 days. A pungent, aromatic plant used for garnishing and seasoning. Leaves are brilliant green, finely cut and curled, giving the appearance of parsley. Seed germinates slowly. Pkt. 10c.; ½oz. 30c.; oz. 50c.

CHIVES - Schnittlauch

Indispensable for flavoring certain dishes, imparting a mild taste of onion. The plants are hardy and will last for years. For winter use, lift and plant in a pot or box and place in a sunny window in the kitchen.

Seed. Pkt. 15c.; ¼oz. 55c.; ½oz. \$1.00; oz. \$1.75.

CHICORY

One ounce will sow a row 100 feet long

Magdeburg. 120 days. The long, smooth white roots are used as a substitute for coffee when roasted and ground. Leaves may be used for salad. Pkt. 15c.; ½oz. 40c.; oz. 65c.

Witloof or French Endive. 145 days. The roots are easily produced from seed, sown in May or June, in rows 1 foot apart; thin out the plants to 2 to 3 inches. They are taken up after a few hard frosts and only the top part used as a winter vegetable. Plant under a bench in the greenhouse or a light, dry, warm portion of a cellar in a bed of rich garden soil 1 foot deep. Place about 6 inches apart each way. The top growth remains intact, and may be cut any time after 5 inches of growth. Roots should be set in the soil the same depth as they were originally in the garden. Pkt. 15c.; ½oz. 40c.; oz. 65c.; ¼lb. \$1.65.

COLLARDS

One ounce of seed will produce 3000 plants

Extensively grown in the South and used as "greens" in winter. There the plant is practically hardy. The lower leaves are used; new ones then form on the upper stem.

Georgia or Southern. 75 days. Pkt. 10c.; oz. 25c.; ¼lb. 75c.; lb. \$2.25.

Cabbaging. 70 days. A rich, tasty "green," long grown in the South, rapidly gaining in popularity in the North. Medium tall with clusters of loose-folding, tender leaves which can be picked as needed. Pkt. 10c.; oz. 25c.; ¼lb. 75c.; lb. \$2.25.

CORN SALAD - Feticus

MACHE RONDE (Fr.) ACKERSALAT (Ger.)

Principally sown for a supply of greens during winter and early spring. Sow thinly in drills, early in spring or fall. When cold weather comes, cover with a litter of straw.

Large-leaved. Pkt. 15c.; ½oz. 40c.; oz. 75c.

ALL PRICES SUBJECT TO MARKET CHANGES

MICHELL'S SELECTED SWEET SUGAR CORN

MAIS (Fr.) MAIS (Ger.) GRANO TURCO (Ital.)

One pound will plant about 150 hills;
12 to 15 pounds, an acre

Plant once a week from the time the ground is permanently warm until July 15, 6 to 8 grains in a hill 3 feet apart each way, and thin out when 4 inches high to 3 or 4 plants to the hill, or plant in rows 3 feet apart and thin out so the plants stand 1 foot apart. Early varieties should be planted for a late crop to be sure of maturity.

Prices quoted on Sugar Corn are prepaid in quantities up to 5 pounds to the First and Second Zones; for other Zones, see Parcel Post table on page 1. Larger quantities shipped at purchaser's expense.

Open Pollinated Types

Early White. 60 days. An extra-early white Sweet Corn producing two large 12-rowed ears on each stalk. An excellent Corn for early market or home use. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

Black Mexican. 88 days. The grains of this medium-early variety cook white when young and a violet shade on the outside when older, but are good in both stages. Ears medium size. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

Country Gentleman. 95 days. A distinct sort, with deep, fine grains irregularly placed on the cob. In sweetness it is unapproached. Ears large. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

Golden Bantam. 79 days. While yellow in color this is one of the sweetest and earliest varieties. Ears medium size; kernels tender and delicious. We recommend it very highly for the home-garden. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

Improved Golden Bantam. 84 days. An excellent midseason Corn producing golden yellow ears 6 to 7 inches long, with 12 to 14 rows of sweet tender kernels. The stalks are 6 feet high, strong and vigorous. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

Golden Country Gentleman. Similar to the well-known Country Gentleman, but having deep golden yellow kernels. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

Golden Giant. 87 days. Ears about 11 inches long, well filled out from butt to tip with deep golden yellow grains. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

Golden Sunshine. 74 days. Matures 7 to 10 days before Golden Bantam. Dwarf habit. Ears 6½ inches long with 12 rows of broad, yellow, sweet grains. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

Stowell's Evergreen. 95 days. The best late Corn grown. Ears extra large, and produced in abundance. Its sweetness is unexcelled. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

Vanguard (Improved Howling Mob). 79 days. Height of stalk 5 to 5½ feet. Ears medium in length, thick, averaging 6 to 7 inches, short pointed; grains of average length, white, mostly in 12 to 16 rows. A favorite in New Jersey for a first-early Sweet Corn. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

Hybrid Types

Alphagold. 60 days. A very fine Corn of outstanding quality. Earlier than Golden Bantam and generally twice as productive, the attractive 8-inch, 12-rowed ears command a premium on the market. We have never seen its equal, and it holds this fine quality two to three days longer than other Corns. Pkt. 15c.; ½lb. 45c.; lb. 75c.; 5 lbs. \$3.50.

Aristogold. 83 days. Very satisfactory. It is tender, exceptionally well flavored, and produces a heavy crop. Pkt. 15c.; ½lb. 45c.; lb. 75c.; 5 lbs. \$3.50.

HYBRID TYPES, continued

Bantam Evergreen Hybrid. 95 days. A late yellow hybrid with large 14 to 16-rowed ears. Stalks grow 7 to 8 feet tall. More resistant and better than Bantam Evergreen. Pkt. 15c.; ½lb. 45c.; lb. 75c.; 5 lbs. \$3.50.

Erie. 88 days. A new golden hybrid having long, cylindrical, slightly tapered ears, 12 to 14-rowed. Kernels are medium-narrow, tender, and of excellent quality and flavor. Stalks average 6½ feet in height and are wilt resistant, sturdy and vigorous, showing good drought resistance. Pkt. 15c.; ½lb. 45c.; lb. 75c.; 5 lbs. \$3.50.

Golden Cross Bantam. 85 days. This hybrid of the Bantam type grows much larger stalks than the regular Bantam strain. Ears are 7 to 8 inches long, with 12 or 14 rows of fair-sized kernels. Ready for use in about 86 days from planting. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

Golden Glory. 78 days. An attractive hybrid with certain earworm tolerance; highly resistant to wilt. Plant is tall and sturdy, with nice 8-inch ears having 12 to 14 rows of light yellow kernels of excellent quality. Pkt. 15c.; ½lb. 45c.; lb. 75c.; 5 lbs. \$3.50.

Golden Rocket. 60 days. A new early yellow hybrid Corn maturing in 60 days, producing ears of excellent quality, averaging 8 inches long, on vigorous stalks. Height 5 to 6 feet. Pkt. 15c.; ½lb. 45c.; lb. 75c.; 5 lbs. \$3.50.

Hybrid Stowell's Evergreen Corn. 93 days. Hybrid Stowell's Evergreen is recommended for the main and late crop. Compared with the open-pollinated type it makes a better root-growth, a sturdier stalk, is disease-resistant. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

Ioana. 83 days. A fine uniform All-America Winner. The well-filled, light yellow ears are 8 inches long, 12 to 16-rowed. The suckerless stalks grow 6 to 7 feet tall, showing great resistance to drought. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

Lincoln. 83 days. 1942 Bronze Medal Winner. Tastiest ear of Corn grown today. Developed for home and market gardens. Stalks sturdy, highly resistant to Stewart's disease. Ears 12 or 14-rowed, well filled at tips; kernels golden yellow, of medium length and good flavor. Very prolific. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

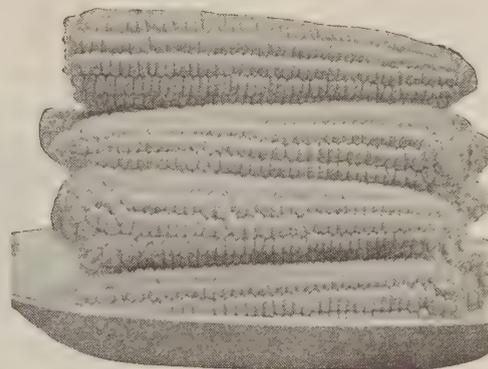
Marcross. 76 days. Stalks short but sturdy, highly resistant to Stewart's disease. Ears long, plump, abruptly tapered at tips, 10 to 14-rowed, with light cream-yellow, medium-broad kernels of good quality. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

Spancross. 73 days. Stalk of medium height. Ear well filled, uniform, attractive, having 10 to 14 rows of golden yellow kernels of good quality. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

Tendermost. 83 days. The clean golden 14-rowed ears are deliciously sweet and develop a brilliant color. They have plump, well-filled tips with deep kernels. It has a great degree of resistance to smut. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

Top Flight Bantam. 82 days. One of the outstanding winners from the All-America seed trials. This handsome 14 to 16-rowed yellow Sweet Corn generally produces two ears to a stalk. They are 9 inches long, well filled, tender and succulent. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

ALL PRICES SUBJECT TO MARKET CHANGES



Ioana Hybrid Sweet Corn

HYBRID POP CORN

These new hybrid Pop Corns will show a much larger yield and popping volume than the open-pollinated sorts.

White Giant. Deep, white, pointed kernels arranged in irregular rows on small cobs. Earlier and of better quality than the old variety. Pkt. 15c.; ½lb. 50c.; lb. 95c.

Golden Giant. A yellow variety similar to White Giant. Has a popping volume 25 per cent larger than the open-pollinated sorts. Pkt. 15c.; ½lb. 50c.; lb. 95c.

Pop Corn

Queen's Golden. Pops white. ½lb. 25c.; lb. 40c.; 3 lbs. \$1.10.

Snowflake. ½lb. 25c.; lb. 40c.; 3 lbs. \$1.10.

CORIANDER

Herb used for flavoring, etc. Pkt. 15c.; ½oz. 30c.; oz. 50c.

CRESS

The Cresses furnish warm pungent flavor to salads and are useful for garnishings.

Garden Cress, Curled or Peppergrass. 45 days. A very hardy, fast-growing annual producing an abundance of attractive, finely curled, dark green foliage of a pleasant pungent flavor which is splendid for garnishing. Pkt. 15c.; ½oz. 40c.; oz. 75c.

Upland. 45 days. Sow thickly in early spring, in drills 1 foot apart, and follow every two weeks, up to August 1, with a new sowing. Pkt. 15c.; ½oz. 35c.; oz. 55c.

Water-Cress, True Erfurt. This may be sown early in spring near the brink of a pond of spring water or stream of running water. Scatter the seed and it will sprout and grow rapidly; once established, it remains for years, reseeding itself. Pkt. 25c.; ½oz. 95c.; oz. \$1.75.

DILL

An herb used extensively for culinary purposes and for putting with cucumbers when pickling. Grows 2½ feet high. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

FENNEL

Finocchio or Florence. Herb. Pkt. 15c.; oz. 50c.; ¼lb. \$1.25.

Sweet. Herb. Pkt. 15c.; oz. 50c.; ¼lb. \$1.25.

HERBS

For list and descriptions, see pages 43, 81

Plant when the ground has become thoroughly warmed, in hills 4 feet each way, 8 seeds in a hill. When the second set of leaves has formed, thin out to 4 plants in a hill. A type of beetle attacks this crop occasionally, which can be conquered by spraying the vines with Arsenate of Lead; when this is used, always wash the fruits thoroughly before using. If the foliage is attacked beneath by aphid or green fly, a spraying with Black-Leaf 40 is usually very effective.

MICHELL'S CUCUMBERS

CONCOMBRE (Fr.) GURKEN (Ger.) CETRIOLO (Ital.)

One ounce will sow 60 hills; 2 to 3 pounds, an acre



Improved Long Green Cucumber

Cubit. 64 days. Bronze Medal, 1944 All-America Selections. A prolific, white-spined variety, dark green color, long, cylindrical shape. Small seed cavity; admirably adapted for slicing. Pkt. 15c.; oz. 45c.

A. & C. CUKE. 67 days. A proved leader for both home-garden and market-garden use. Fruits nearly cylindrical, 2 3/4 inches in diameter, 9 to 11 inches in length. Seed cavity exceptionally small. Very good slicer. Pkt. 10c.; oz. 45c.; 1/4 lb. \$1.35.

Arlington White Spine. 62 days. This is the leading sort for the home- or market-garden. Fruits smooth, deep green, uniformly 8 inches in length. Valuable for slicing or pickling. Pkt. 10c.; oz. 30c.; 1/4 lb. 90c.

Colorado. 68 days. Long; green. Popular because of excellent shape and good color. Unusually productive and highly resistant to disease. Pkt. 10c.; oz. 35c.; 1/4 lb. \$1.10.

Crystal Apple. 65 days. An amazingly attractive Cucumber, perfectly round, crystal-white at all stages, with a sweetness and lack of Cucumber flavor that is remarkable. Produces a tremendous number of fruit about the size of a lemon when mature. Pkt. 20c.; 1/2 oz. 50c.; oz. 95c.

Davis Perfect. 65 days. Fruits uniform in shape and size, often measuring 10 to 12 inches in length, dark green all over, quite smooth. Pkt. 10c.; oz. 35c.; 1/4 lb. \$1.10.

Early Fortune. 64 days. One of the finest Cucumbers of the White Spine type. The medium length, dark green fruits hold their color for a long time after pickling; flesh white, very crisp. Pkt. 10c.; oz. 30c.; 1/4 lb. 90c.

Early Market. 60 days. A new dark green variety of uniform shape and size, averaging 8 inches in length. Excellent for slicing. Pkt. 10c.; oz. 30c.; 1/4 lb. 90c.

Gherkin or Burr. For pickling only. The small fruits are about 2 inches long, of thick, rounded form, very prickly when green. Pkt. 10c.; oz. 35c.; 1/4 lb. \$1.10.

Improved Long Green. 67 days. Well-known standard variety. Its dark color makes it desirable for market. The vines are vigorous and productive. Fruits average 1 foot in length. Pkt. 10c.; oz. 30c.; 1/4 lb. 90c.

Japanese Climbing. 66 days. A trellis variety used for shade as well as eating purposes. The vine is very ornamental and produces extra-long, light green fruits in abundance. Pkt. 10c.; oz. 25c.; 1/4 lb. 85c.

Lemon. 65 days. A very prolific variety producing an abundance of deep lemon-yellow fruit, 3 1/2 inches long and almost as thick. Pkt. 20c.; 1/2 oz. 50c.; oz. 95c.

ALL PRICES SUBJECT TO MARKET CHANGES

Longfellow. 72 days. Extra long, dark green, fine quality. Handled properly will average 2 1/8 inches in diameter and 15 inches in length. Suitable for both greenhouse forcing and outdoor culture. Pkt. 15c.; oz. 50c.; 1/4 lb. \$1.65.

Marketer. 65 days. A fine new slender variety. Vines are vigorous and prolific. Fruits are 8 inches long and 2 1/2 inches in diameter. Very dark green, slightly tapered to each end. Uniform and trim in appearance. Pkt. 15c.; oz. 50c.; 1/4 lb. \$1.50.

National Association Pickling. 56 days. A highly desirable, very extensively used pickling strain. Fruits dark green, symmetrical, with thick walls, full ended. Pkt. 10c.; oz. 30c.; 1/4 lb. 90c.

Producer. 54 days. A very prolific white-spine pickling type of dark green color. Fruit slightly shorter than National Pickling. Pkt. 15c.; oz. 40c.; 1/4 lb. \$1.30.

Straight 8. 64 days. Fine dark green color, free of white tips. Grows 8 inches long by about 1 1/2 inches thick and is of remarkably uniform straight shape. Pkt. 10c.; oz. 30c.; 1/4 lb. 90c.

FORCING CUCUMBER

IMPROVED TELEGRAPH. The finest type of forcing Cucumber in cultivation. Quick in growth, handsome, with very small neck and unusually prolific. Pkt. (10 seeds) 45c.; 100 seeds \$4.00.

SPARTA. An excellent variety for growing under glass, producing long, smooth, handsome fruit of delicate flavor. Pkt. (10 seeds) 45c.; 100 seeds \$4.00.

DANDELION

PISSENLIT (Fr.) LOEWENZAHN (Ger.)
DENTE DE LEONE (Ital.)

Seed should be sown in spring, in a bed where the plants should remain for the season; late in the fall, cover the bed with a movable sash or leaves or salt hay for protection.

Italian (Cichoria Cactlogna). A new introduction in this country and in great demand as greens. The main stalk produces leaves resembling the broad-leaved variety, but much greater in length. It is cut and bunched same as asparagus. Pkt. 15c.; 1/2 oz. 35c.; oz. 60c.

Arlington Thick-leaved (French Broad-leaved). Also known as Improved Thick-leaved. The most popular variety. Plant rather upright, forming a 20-inch rosette of large, broad leaves which are thick and easily blanched. Pkt. 20c.; 1/2 oz. 75c.; oz. \$1.25.

GARLIC SETS

AIL (Fr.) KNOBLAUCH (Ger.) AGLIO (Ital.)
One pound will sow 200 feet of row

A hardy flavoring Onion used extensively in the French method of cooking. 1/2 lb. 40c.; lb. 75c.

ENDIVE . CHICORY

CHICOREE (Fr.) ENDIVIEN (Ger.)
INDIVIA (Ital.)

One ounce will sow 200 feet of row

Sow from June to August, in shallow drills; when 2 inches high, thin out to 10 inches apart. When well developed, tie the plants together at the top, to blanch the inner leaves; do not tie up when the leaves are wet. If the plants are protected they may be left outdoors till Christmas. If wanted for later use they may be lifted late in autumn and placed in a dry, cool cellar, covering the roots with soil.

Full-Heart Batavian (Escarolle). 71 days. Leaves broad, light green, nearly plain. Pkt. 10c.; oz. 35c.; 1/4 lb. 90c.

Improved Green Curled. 73 days. An improvement over the common green variety, producing a larger head and thicker leaves. Pkt. 10c.; oz. 35c.; 1/4 lb. 90c.

White Curled (Self-blanching). 73 days. This is the finest White Curled variety; always crisp and tender. Pkt. 10c.; oz. 35c.; 1/4 lb. 90c.

EGGPLANT

AUBERGINE (Fr.) EIERPFLANZE (Ger.)
PETONCIANO (Ital.)

One ounce will produce 2000 plants

Sow seed in March in hotbeds, and when 3 inches high transplant into boxes or small pots. Plant outdoors in May or June or after the weather has become permanently warm, in rows 3 feet apart, with the plants set 2 feet apart in the row.

Black Beauty. 80 days. An extra-early, large, almost black variety with few seeds. Very prolific. Pkt. 10c.; 1/2 oz. 50c.; oz. 95c.; 1/4 lb. \$3.00.

Early Long Purple. 78 days. An early variety producing slender, dark purple fruit, 7 to 8 inches long and 2 1/2 inches in diameter. Ideal for slicing. Pkt. 15c.; 1/2 oz. 50c.; oz. 95c.

Florida High-bush. 85 days. A prolific high-bush type, bearing its dark purple fruits well above the ground. Has proved a good shipper. Gaining in popularity. Pkt. 10c.; 1/2 oz. 50c.; oz. 95c.; 1/4 lb. \$3.00.

Fort Myers Market. 85 days. The plants are of the high-bush type, carrying fruit well off the ground. Quite resistant to disease. Fruit is intense purple-black, long and oval, with no neck at stem end. Excellent type for use in the Southeast. Pkt. 15c.; 1/2 oz. 60c.; oz. \$1.10; 1/4 lb. \$3.25.

New Hampshire Hybrid. 68 days. A very early, highly productive variety. Fruit medium sized, blocky, pear-shaped, dark purple color. Plant is rather dwarf and upright; well adapted to sections where season is short. Pkt. 15c.; 1/2 oz. 50c.; oz. 95c.; 1/4 lb. \$3.00.

New York Improved. 83 days. An old standard sort that is quite large and more elongated than Black Beauty, with a rich purple color. Pkt. 10c.; 1/2 oz. 50c.; oz. 95c.; 1/4 lb. \$3.00.

HORSERADISH ROOTS

Ready in March

Set the roots in rows 2 1/2 feet apart, 1 1/2 feet apart in the row. Late in the fall lift as many roots as you think you will use, cut off the top, and place in a cool cellar, covered with soil or sand.

Maliner Kren. A quick-growing variety far superior to the common sorts. Large cuttings. 6 roots 60c.; 12 roots 85c.; 50 roots \$2.25; 100 roots \$4.25.

Here are the leafy vegetables that keep you healthy

LETTUCE

LAITUE (Fr.) LATTICH SALAT (Ger.)
LATTUGA (Ital.)

One ounce will produce about 2500 plants

Lettuce, crisp and appetizing, is the backbone of salads. Salad bowls are increasingly popular. You will find the luscious mixed green salads adorning many tables. Packed with vitamins, Lettuce is indispensable in the garden.

Heading Varieties

For the first outdoor crop, seed is usually sown in hotbeds in February or March and transplanted to the garden in April in rows 1½ feet apart, 8 to 12 inches apart in the row. For a succession, sow in drills in the open ground at intervals of two to three weeks and thin out to 8 inches apart. For plants to force in hotbeds from November until spring, sow seeds in hotbeds in the fall. Where it is difficult to have the heading varieties develop properly on account of soil condition, we recommend using loose-leaf varieties.

Bibb. 60 days. A distinct variety with a crispness and flavor of its own. The heads are medium sized, the outer leaves deep glossy green, and the interior bleaches to a rich yellowish waxy green. Pkt. 15c.; ½oz. 25c.; oz. 45c.; ¼lb. \$1.25.

Great Lakes. 82 days. Bronze Medal, 1944 All-America Selections. A decidedly crisp heading Lettuce of the Imperial type. It is of excellent quality and exceedingly sweet and tender. A superior summer Lettuce that stands heat and sun and is exceptionally resistant to tip-burn injury. Very slow to shoot to seed. It does equally well in cool weather. Pkt. 15c.; ½oz. 40c.; oz. 75c.; ¼lb. \$2.50.

Premier Great Lakes. 74 days. Bronze Medal, 1948 All-America Selections. Developed by Pennsylvania State College. This new variety is from 7 to 10 days earlier than the standard Great Lakes. It is very much more uniform in heading. Leaves are smooth, green, small ribbed and tip-burn resistant. Heads are large and solid, often weighing up to 2 pounds. Excellent for spring and early summer culture. Pkt. 25c.; ½oz. 75c.; oz. \$1.25; ¼lb. \$3.75.

Penniacke. 82 days. Bronze Medal, 1948 All-America Selections. As the name indicates, this is another new variety bred by Pennsylvania State College for smoothness, uniformity, and lack of ribbiness. It is the result of a cross between Great Lakes and Imperial No. 44, combining the solidity and summer heading ability of the former with the larger head size of the latter. Pkt. 25c.; ½oz. 75c.; oz. \$1.25; ¼lb. \$3.75.

All Heart. 71 days. An excellent Lettuce for spring or summer use. The head has a heart of a decided buttery flavor. Can be used for sowing in frames. Pkt. 10c.; oz. 30c.; ¼lb. 85c.

Big Boston. 75 days. A large, flat, cabbage-headed variety, excellent for midsummer or fall use, or under glass in early spring and autumn. Pkt. 10c.; oz. 30c.; ¼lb. 85c.

Boston Market (White-seeded Tennisball). 73 days. Early; small-heading variety. One of the best for forcing. Pkt. 10c.; oz. 30c.; ¼lb. 85c.

Cosberg. 76 days. A variety with ability to head in summer weather and resist tip-burn. Heads small and compact; outer leaves light yellowish green, crumpled and frilled. Pkt. 10c.; oz. 30c.; ¼lb. 85c.

Iceberg. 84 days. A fine variety, producing large, solid, cabbage-like heads, firm, crisp, and of fine flavor. Leaves curly, slightly tinged red. Pkt. 10c.; oz. 35c.; ¼lb. 90c.

Imperial No. 44. 82 days. This variety has very long, well-folded leaves and produces hard, well-formed heads appreciably less susceptible to tip-burn than other varieties. Pkt. 10c.; ½oz. 30c.; oz. 50c.; ¼lb. \$1.50.

Imperial No. 847. 84 days. A brown-blight-resistant variety for summer planting. Heads are medium large, hard, fine and well covered by the leaves. Pkt. 10c.; ½oz. 30c.; oz. 50c.; ¼lb. \$1.50.

Improved Hanson. 80 days. Tremendous, solid heads with outer leaves curled and interior almost white and very tender. Pkt. 10c.; oz. 30c.; ¼lb. 85c.

May King. 63 days. The first solid head Lettuce to mature outdoors. It is of good size, with tender, full heart. Suitable for sowing under sash in early spring. Pkt. 10c.; oz. 30c.; ¼lb. 85c.

Number 1. 70 days. A good variety for summer use as it resists the hot sun better than most sorts. Heads unusually large, tender, and of a delicious buttery flavor. Pkt. 15c.; oz. 40c.; ¼lb. \$1.25.

Mignonette. 65 days. Splendid for the home-garden, being of excellent quality, crisp and sweet. Medium small in size, compact and hard heading. Very dull dark green in color, dark brown at edge of leaf with well-blanched creamy yellow heart. Pkt. 15c.; oz. 35c.; ¼lb. 90c.

New York or Wonderful No. 12. 80 days. This is a leader of the cabbage-headed sorts. Heads large, dark green, with white interior and curled outer leaves. Pkt. 10c.; ½oz. 30c.; oz. 50c.; ¼lb. \$1.50.

Salamander or Black-Seeded Tennis Ball. 65 days. Forms a large, light green, compact head with a white heart. Very tender, crisp, and extremely slow to run to seed. Pkt. 10c.; oz. 30c.; ¼lb. 85c.

White Big Boston. 72 days. A heading variety which resembles Big Boston in size, solidity and general appearance, but it lacks the brown edge. Pkt. 10c.; oz. 30c.; ¼lb. 85c.

Chicken Lettuce

An excellent green for poultry or rabbits. Grows 18 to 20 inches high. Ready for cutting 40 to 45 days after sowing. Pkt. 10c.; oz. 25c.; ¼lb. 75c.; lb. \$2.10.

Romaine • Cos Lettuce

This type, of French origin, differs greatly from the American varieties in its peculiar, upright growth. To produce tender heads, the outer leaves must be tied together at the top so that the inner ones blanch. Best adapted to outdoor planting and stands the heat well.

Dark Green Cos. 66 days. Similar to the White Cos but darker green leaves. Inner leaves bleach a creamy to golden yellow with endive-like flavor. Pkt. 10c.; oz. 30c.; ¼lb. 85c.

Paris White Cos. 66 days. Strong grower with long, medium green leaves of most excellent quality. A self-folder, but when half grown it is best to tie it up so the inner leaves may be blanched white. Head 8 to 9 inches high. Pkt. 10c.; oz. 30c.; ¼lb. 85c.

Loose-Leaf or Cutting Varieties

For early or midsummer use, seed should be sown very thickly. When pulling the young plants, try to do so carefully, with an effort to thin out the bed, thus allowing the remaining plants to become large.

Bronze Beauty. 40 days. Bronze Medal, 1947 All-America Selections. The bronze-shaded, crisp leaves are long, with margins deeply lobed and scalloped, with tasty nut-like flavor. The plants are vigorous, fast growing and resistant to hot weather. Pkt. 15c.; ½oz. 45c.; oz. 85c.; ¼lb. \$2.50.

Slobolt. 45 days. A new non-heading variety that is very slow to develop seed-stalks in hot weather. Especially desirable for home-garden use. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$2.50.

Oak Leaf. 45 days. A beautiful golden green Lettuce of fine form and valuable because remarkably slow to shoot to seed. Makes attractive loose-leaf heads during the hottest summer weather; no other variety grows so well at that time of the year. The leaves are broad, deeply lobed like an oak leaf, thick, succulent and tender. Pkt. 15c.; oz. 40c.; ¼lb. \$1.25.

Black-seeded Simpson. 46 days. Ideal for midsummer use. When matured, presents a loose head with finely fringed leaves. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

Early Curled Silesian. 45 days. This variety should be cut instead of pulled, as it makes new growth from the same root. Leaves light green. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

Early Curled Simpson. 45 days. An excellent, curly-leaved sort; loose heads and very tender. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

Grand Rapids. 43 days. The leading variety in this class for forcing under glass, but may also be grown successfully outdoors. Leaves are very curly, crisp and brittle. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

KALE • BORECOLE

CHOU VERT (Fr.) BLATTERKOHL (Ger.)
CAVOLO VERDE (Ital.)

One ounce will sow 150 feet of row

For early use it may be sown in May; when desired for winter use, sow in September, broadcast or in rows 2 feet apart. Cover for protection against severe freezing and snow. Do not handle while in a frozen condition.

Dwarf Blue Scotch. 55 days. A hardy strain with finely curled foliage having a distinct blue tinge. Pkt. 15c.; oz. 40c.; ¼lb. \$1.20.

Dwarf Green Curled. 55 days. Very dwarf and compact, rarely attaining a height of over 6 inches. Dark green; very curly. Pkt. 15c.; oz. 40c.; ¼lb. \$1.20.

Siberian. 65 days. A very hardy variety with large leaves that cook very tender. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

KOHLRABI

CHOU RAVE (Fr.) KOHLRABI (Ger.)
CAVOLO RAPA (Ital.)

One ounce will sow about 200 feet of row;
3 pounds, an acre

Sow seed in early spring, in hotbeds or outdoors, and transplant when 3 inches high, in rows 1½ feet apart, 6 inches apart in the row. The edible part is the root, which should be used when it attains a size of 2½ inches in diameter or less, when it is extremely tender.

Purple Vienna. 62 days. Flesh white; skin a bluish color. Used for outdoor sowing. Pkt. 15c.; ½oz. 40c.; oz. 75c.; ¼lb. \$2.25.

Early White Vienna. This variety is suited for sowing under glass or outdoors. The top is very short, thus allowing all the development to go to the root, insuring early maturity. Pkt. 15c.; ½oz. 40c.; oz. 75c.; ¼lb. \$2.25.

ALL PRICES SUBJECT TO MARKET CHANGES

Are you trying out some of the novelties?

LEEK

POIREAU (Fr.) LAUCH (Ger.)
PORRO (Ital.)

One ounce will sow about 100 feet of row

Allied to the onion family, but producing no bulb. Sow seed in April, in rows 1 foot apart, covering the seed about an inch; when about 4 inches high, transplant where they are to grow, in rich soil in rows 1½ feet apart, 6 inches apart in the row.

American Flag. 142 days. Popular for the home-garden. Makes a longer but narrower stalk than others. Pkt. 15c.; ½oz. 45c.; oz. 80c.; ¼lb. \$2.50.

Giant Carentan. 150 days. Produces colossal stalks of tender quality. Excellent for exhibition purposes. Pkt. 15c.; ½oz. 45c.; oz. 80c.; ¼lb. \$2.50.

LAVENDER

Herb whose fragrant dried flowers are used in sachets. Pkt. 25c.; ¼oz. 75c.; ½oz. \$1.35; oz. \$2.50.

MINT

Herb used for flavoring. Plants only. See page 81.

MUSKMELON

MELON MUSCADE (Fr.) MELONE (Ger.)
POPONE MELONE (Ital.)

While these do best in a light, sandy loam, any good, well-prepared garden soil suits them. Plant when the ground has become permanently warm, in hills 6 feet apart each way, 8 to 10 seeds in a hill. After the second tier of leaves has formed, thin out to 4 plants in a hill. Watch carefully for insects of various kinds, especially the melon louse that works under the leaf and shrivels it, causing the plant to die. To fight this successfully, lift up the vines and spray underneath with Arsenate of Lead or some of the various Nikoteen preparations.

Casaba Golden Beauty. 112 days. Late-maturing winter variety. Large round fruits, 6 to 8 inches in diameter, weighing about 6 pounds. Wrinkled golden yellow skin with thick white flesh, luscious and spicy. Pkt. 10c.; oz. 35c.; ¼lb. \$1.10.

Emerald Gem. 85 days. Flat; sweet, rich salmon flesh that ripens close to the rind. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

Fordhook. 88 days. Flat; flesh salmon-orange, very sweet. Fruits large, often weighing 2 pounds each. Early and very prolific. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

Hale's Best. 82 days. Heavily netted fruits with salmon-color flesh; oval form; fine quality. Excellent for long-distance shipping. Pkt. 10c.; oz. 35c.; ¼lb. \$1.10.

Hearts of Gold. 90 days. Midseason. Round fruit, distinctly ribbed; thick, deep salmon flesh of excellent flavor and can be eaten close to the rind. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

Honey Dew. 112 days. Matures late. Fruits large—6 inches in diameter and 7 to 8 inches long—with smooth, creamy white skin with occasional netting. Thick, emerald-green flesh, melting, and of delicious flavor. Ripe melons can be kept for several weeks before using. Pkt. 10c.; oz. 35c.; ¼lb. \$1.10.

Honey Rock. 81 days. Medium size, round as a ball, and with a coarse netting. Flesh thick and of a deep orange color. Ripens early and has proved to be very productive. Pkt. 10c.; oz. 35c.; ¼lb. \$1.10.

Jennie Lind. 86 days. A small, early, green-fleshed variety much flattened at the poles. Flesh medium thick, juicy and of excellent quality. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

MUSKMELON, continued

Delicious. 83 days. Large fruits often weigh 8 pounds. Flesh is deep orange-salmon, of fine quality. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

Pride of Wisconsin. 90 days. A new introduction with considerable merit. The rind is a gray color, with a distinct netting. Flesh is unusually thick and of very good flavor. Carries well in shipping. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

Bender's Surprise. 90 days. A large variety, often weighing 8 to 9 pounds, oval in shape, with prominent ribs. The green skin (slightly netted) turns to cream color as it ripens. Flesh bright salmon, thick and sweet. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

Rocky Ford. 92 days. Medium-early variety. Fruit oval, covered with a fine netting; flesh green, very sweet, highly flavored. Pkt. 10c.; oz. 35c.; ¼lb. \$1.10.

Preserving Melon - Citron

California Red-seeded. 85 days. A large-fruited variety with pure white flesh and thin rind. It is planted like watermelon. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

MANGEL-WURZEL

See page 32.

WATERMELON

MELON D'EAU (Fr.) WASSER MELONE (Ger.)
MELONE D'AQUA (Ital.)

One ounce will sow 30 hills; 4 pounds, an acre

Plant in hills 8 to 10 feet apart each way, 8 to 10 seeds in each hill, covering ½ inch deep. When well established, thin out to three or four of the strongest plants to each hill. Watermelons should not be planted until after the soil has become thoroughly warm. We offer the varieties which we know are the better ones.

Dixie Queen. 85 days. A splendid melon with thin, tough rind, light green in color with dark green stripes. Flesh is fine-grained, tender and lusciously flavored, rich scarlet. Average weight 30 pounds. Pkt. 10c.; oz. 45c.; ¼lb. \$1.20.

Golden Honey. A truly fine yellow-fleshed variety. Oblong in shape, averaging about 20 pounds in weight. Rind is dark green, with irregular stripes of darker green. Flesh amber-yellow, tender and delightfully flavored. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

Halbert Honey. 82 days. The long fruits with blunt ends are very large, often weighing 50 pounds. Rind is thin, dark green; flesh rich crimson and sweet. It is altogether a first-rater. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

Harris' Earliest. 75 days. Ripens early and on this account is one of the best for the northern states. Fruit oblong, marbled light and dark green; flesh bright red and of good quality. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

Kleckley Sweets. 85 days. Has a luscious tenderness all its own. Not a shipping variety, as the rind is too close to the ripe, fluffy, rich red meat, when in condition to use. The melons average about 20 inches long and ripen quite early. Pkt. 10c.; oz. 25c.; ¼lb. 80c.

Stone Mountain. 80 days. A good market- and home-garden variety. Round, slightly elongated, with light green skin and sweet flesh. Average weight 40 to 50 pounds. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

WATERMELON, continued

Thurmond Gray Wilt-resistant. 95 days. A large, cylindrical sort weighing about 35 pounds, highly resistant to disease. Rind very hard, light green with mottling of darker green. Flesh is dark red, firm and of good quality. Pkt. 15c.; oz. 75c.

Tom Watson. 95 days. A handsome, large fruit, frequently 2 feet long and 1 foot in diameter, dark green rind and bright scarlet flesh of excellent texture and flavor. Nothing can touch it for shipping qualities. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

WATERMELON SEEDS. For medicinal purposes. ¼lb. 70c.; ½lb. \$1.20; lb. \$2.00.

MUSTARD

One ounce will sow 75 feet of row

Makes a delicious green salad, pungent in taste, highly palatable, and healthful. Sow every two weeks in rows the same as spinach. Fine winter greens if sown in a heated frame or greenhouse, also fine if served with lettuce for flavoring. If the plant is allowed to stand, the seed can be harvested and used for other culinary purposes.

Fordhook Fancy. 65 days. Produces a large crop of leaves resembling an ostrich plume, which are of mild flavor. Pkt. 10c.; oz. 25c.; ¼lb. 65c.

Southern Giant Curled. 65 days. The best of the curled Mustards. Sweet flavor; matures very early and produces abundant foliage. Pkt. 10c.; oz. 25c.; ¼lb. 65c.

Tendergreen or Spinach Mustard. 40 days. A mild-flavored, dark green, smooth-leaved type. Foliage is prepared for the table the same as spinach or turnip greens. The leaves can be cut throughout the entire growing season. Resistant to heat and drought. Pkt. 10c.; oz. 25c.; ¼lb. 65c.

OKRA or GUMBO

GOMBAUD (Fr.) OCHER (Ger.)
OCRA (Ital.)

One ounce will sow about a 100-foot row

Sow seed thickly after frost and cold have disappeared, in rows 3 feet apart; when about 6 inches high, plants should be thinned out to stand 1 foot apart in the row. The pod is used when young and tender, sliced in soups and stews; what is not utilized during the summer may be harvested, cut in slices, dried in the sun, and used during the winter.

Perkins Mammoth Long Pod. 64 days. A leading home-garden and canning variety about 4 feet in height and literally covered with pods 6 to 7 inches long, dark green, tapered, fleshy and heavily ribbed and of excellent quality. Pkt. 10c.; oz. 25c.; ¼lb. 85c.

Clemson Spineless. 55 days. Silver Medal, All-America Selections. A uniform spineless strain of the Perkins long-podded type. Good quality, pods 8 to 9 inches long. Plants 4 to 5 feet tall. Pkt. 10c.; oz. 25c.; ¼lb. 85c.

Dwarf Long Green-podded. 51 days. Fine quality pods, somewhat smaller than the Clemson Spineless. Plants much smaller. Popular market- and home-garden variety. Pkt. 10c.; oz. 25c.; ¼lb. 85c.

White Velvet or Creole. 60 days. Pods are very free from ridges, almost perfectly smooth, tender; light green, almost white. Pkt. 10c.; oz. 20c.; ¼lb. 60c.

ALL PRICES SUBJECT TO MARKET CHANGES

Plant enough Onions to supply your family's needs

MICHELL'S PURE CULTURE MUSHROOM SPAWN

This Spawn is made in quart milk bottles under absolutely sterile conditions, so that every mould, weed seed, or insect is destroyed and each bottle contains nothing but pure Spawn. One carton equals 5 bricks of ordinary Spawn and is sufficient to spawn about 40 square feet. The Spawn is dried thoroughly and wrapped in paper, with full directions how to grow mushrooms, and packed in cartons. Carton \$1.25; 10 cartons \$12.00.

Pure Culture Brick Spawn

One brick will spawn 8 to 10 square feet
Ask for our Free Leaflet on Mushroom Culture
Pure White. Brick 45c.; 5 bricks \$1.95; 10 bricks \$3.45; 25 bricks \$8.25.

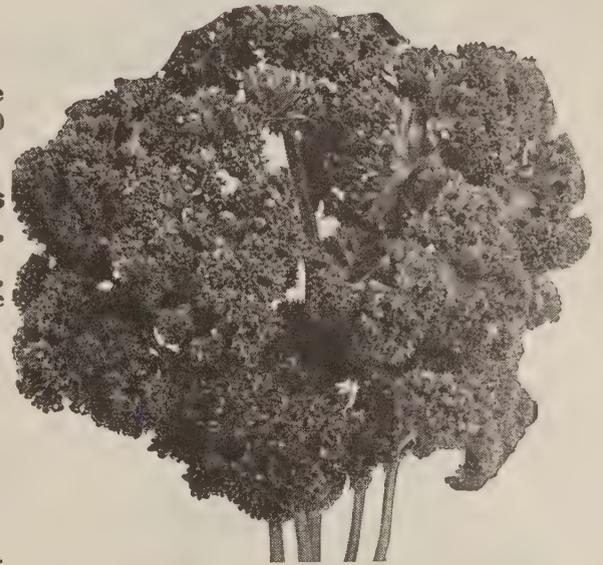
Mushroom or Hotbed Thermometers

No. 539. Iron point; oxidized finish. Price, \$4.50.

Thermometers should, wherever possible, be sent by Express. We do not guarantee safe arrival if forwarded by Parcel Post.

GARDEN BOOK

By Vernon Hayes Davis. 241 pages. \$1.25



Champion Moss Curled Parsley

MICHELL'S SELECT ONION SEED

Onions are essential in your garden

OIGNON (Fr.) ZWIEBEL (Ger.) CIPOLLA (Ital.)

For full-size Onions, one ounce will sow a 100-foot row; 5 to 6 pounds, an acre. If it is desired to grow Onion Sets, sow 40 to 50 pounds per acre.

Sow in the early spring, in rows 2 feet or less apart, according to cultivation method employed. Seed should be firmed in the soil. If it is desired to grow full-size Onions the first year, thin out when 3 inches high, so that they stand about 3 to 4 inches apart. White Onions are mildest in flavor and are recommended for early use. The yellow sorts are best for winter keeping.

Ailsa Craig. 105 days. A large variety, oblong globe-shaped. Color is light yellow, lightly tinged with bronze. A specimen of this variety often weighs 3 pounds and over. Pkt. 15c.; ½oz. 50c.; oz. 95c.; ¼lb. \$3.20.

Bermuda White. 93 days. Light yellow or straw-color. It is early, and if transplanted about 4 inches apart, will produce immense, flat bulbs. In the raw state it is very mild, and when cooked the flesh is tender and of a delicious flavor. Pkt. 15c.; ½oz. 40c.; oz. 75c.; ¼lb. \$2.25.

Early Yellow Globe. 98 days. It matures ten days to two weeks earlier than Southport Yellow Globe. The bulbs are of good size, globe to flattened globe in shape and straw-yellow in color. Skin is tough and the bulb is a better keeper than most other early varieties. Where quick-maturing early Onions are wanted, this variety should be tried. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$3.00.

Ebenezer. 100 days. Excellent Onion for winter storage. Popular for growing sets. Yellow outer skin, white, mild flesh. Bulbs are large, somewhat flattened. Pkt. 15c.; ½oz. 35c.; oz. 65c.; ¼lb. \$1.95.

Prizetaker. 105 days. If sown thinly produces full-sized Onions in one season from seed, rivaling the Bermuda varieties for size and flavor, often weighing 3 pounds or more each. Pkt. 15c.; ½oz. 45c.; oz. 80c.; ¼lb. \$2.35.



Early Yellow Globe Onion

Southport Red Globe. 110 days. Medium to large, average early; smooth, deep purplish red skin; flesh mild, fine-grained, and tender. Excellent keeper. Pkt. 10c.; ½oz. 35c.; oz. 65c.; ¼lb. \$1.95.

Southport White Globe. 110 days. A round Onion, growing to an enormous size. The flesh, when cooked, is a rich milky color, tender, and of delicious flavor. In the raw state it is very mild. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$2.75.

Southport Yellow Globe. 115 days. Similar to the Danvers Yellow Globe, except that it is larger. A uniform-growing variety, every bulb being almost perfectly round and of the same size. Light straw-colored skin. Pkt. 10c.; ½oz. 35c.; oz. 65c.; ¼lb. \$1.95.

Sweet Spanish. Utah Strain. 110 days. Large, globe-shaped, sweet variety, with golden yellow skin. An excellent keeper. Pkt. 15c.; ½oz. 50c.; oz. 95c.; ¼lb. \$3.20.

White Bunching. 60 days. An extra-fine variety for early spring and summer use. Seed sown early in the spring will produce long green scallions which blanch white and remain tender for a long time. They do not form a bulb on the bottom. Pkt. 15c.; ½oz. 45c.; oz. 80c.; ¼lb. \$2.55.

White Portugal or Silver Skin. 100 days. The standard white Onion for market or home use. Mild-flavored, semi-globe-shaped Onion, very uniform in growth and size. Pkt. 15c.; ½oz. 45c.; oz. 80c.; ¼lb. \$2.55.

Yellow Globe Danvers. 110 days. This almost round Onion is extensively sown by private and market gardeners on account of its good keeping qualities. It is a dark straw color and always produces a good crop, growing to a large size. Pkt. 10c.; ½oz. 35c.; oz. 65c.; ¼lb. \$1.95.

ONION SETS

One quart will plant about 50 feet of row
Shipped on local orders after March 15

Yellow. Lb. 45c. **White.** Lb. 50c.

We give 32 pounds per bushel on Onion Sets, except Egyptian Tree Top which is 28 pounds per bushel.

MULTIPLIER ONIONS

Shallots. ½lb. 50c.; lb. 85c.

Garlic. ½lb. 50c.; lb. 85c.

Yellow Multiplier. ½lb. 50c.; lb. 85c.

Yellow Potato. ½lb. 50c.; lb. 85c.

Egyptian Tree Top. Ready September 10.
½lb. 35c.; lb. 60c.

PARSLEY

PERSIL (Fr.) PETERSILIE (Ger.)
PREZZEMOLO (Ital.)

One ounce will sow 100 feet of row

Soak the seed for a few hours in warm water, then sow in rows 1½ feet apart; when 2 inches high thin out so the plants will stand 4 inches apart in the row. Ordinarily, it takes Parsley seed from 3 to 6 weeks to germinate, so that a little patience in growing this is necessary.

Champion Moss Curled. 70 days. The dark green, attractive, curled leaves and long stems make this variety suitable for bunching. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

Double Curled or Covent Garden. 70 days. Nicely curled leaves of a deep green color make this an elegant variety for garnishing steaks and salads. Dwarf in habit. Pkt. 10c.; oz. 35c.; ¼lb. \$1.00.

Hamburg or Rooted. 90 days. The fleshy roots are used for flavoring soups, stews, etc. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

Plain or Single. 72 days. Leaves not curled. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

Peerless. 84 days. A fine selection of the Moss Curled type. This strain is hardy and remains deep green when other varieties have turned yellow. Right length for bunching. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

PARSNIP

PANAIS (Fr.) PASTINAKE (Ger.)
PASTINACA (Ital.)

One ounce will sow 150 feet of row;
5 pounds, an acre

Sow early in spring, in drills about 2 feet apart, covering the seed lightly. When plants are 2 to 3 inches high, thin out so the roots will develop. Cultivate well.

Improved Sugar or Hollow Crown. 95 days. Roots clear white, clean, well filled and with small core, of fine texture and free from stringiness. The shape is intermediate, shoulders wide with a deep crown. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

PEANUTS

ARACHIDE (Fr.) ERDNUSS (Ger.)
CECE DE TERRA (Ital.)

One bushel nuts unshelled will plant an acre, but shell must be removed beforehand

Peanuts can be grown in almost any well-drained garden soil, and should yield a big crop. The Peanut plant rather enriches the soil instead of impoverishing it, as it is an abundant gatherer of free nitrogen.

Selected Virginia. 145 days. ½lb. 45c.; lb. 75c.; 5 lbs. \$3.50; 10 lbs. \$6.50.

ALL PRICES SUBJECT TO MARKET CHANGES

GARDEN PEAS

POIS (Fr.) ERBSEN (Ger.) PISELLO (Ital.)

Two pounds will sow 100 feet of row; 90 to 120 pounds, an acre

The smooth-seeded varieties may be sown as soon as the ground can be worked; the wrinkled sorts when the ground has become warm. Sow in single or double rows, 2 to 4 feet apart, according to the variety. To have a continuous crop, sow weekly up to May 15, then discontinue until August 1, when the early varieties may be sown for a fall crop.

Prices quoted on Peas are prepaid in quantities up to 5 pounds, to the First and Second Zones; for other Zones, see Parcel Post table on page 1. Larger quantities at purchaser's expense.

Extra-Early Varieties

Alaska. 56 days. 2½ ft. Smooth-seeded. Very early. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$1.85.

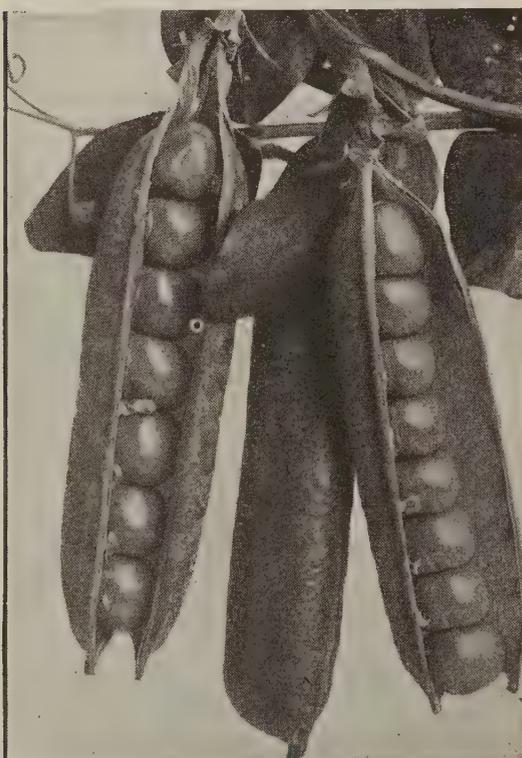
Blue Bantam. 62 days. 1½ ft. One of the best dwarf large-podded wrinkled Peas. Blue-green pods more than 4 inches long. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

Early June. 55 days. 2½ ft. A green-seeded, smooth Pea, desirable for first planting. Pkt. 10c.; ½lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

Early Bird or Laxton's Superb. 60 days. The earliest large-podded, dwarf sort. Vines about 18 inches high, foliage light green. Produces an abundance of attractive pods about 4 inches in length, containing 9 to 10 Peas. Very tender and of excellent flavor. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

First and Best Extra Early. 56 days. 2 ft. The peer of the smooth-seeded sorts. Extremely early, lusciously sweet and tender. A grand yielder. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

ALL PRICES SUBJECT TO MARKET CHANGES



Early June Peas

Gradus or Prosperity. 60 days. 3 ft. A popular and very early sort producing gigantic pods and Peas. Exceedingly luscious; wrinkled. An excellent freezing variety. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

Laxtonian. 63 days. 1½ ft. An extra-fine, early, dwarf sort with large pods well filled with Peas of extra-fine quality. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

Laxton's Progress. 62 days. 1½ ft. Earlier than Laxtonian. Long pods filled with 8 or 9 large Peas of excellent flavor. Highly recommended for freezing preservation. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

Little Marvel. 64 days. Dwarf, 18 to 20 inches. Sweet, wrinkled Peas. Prolific. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

Mammoth-podded Extra Early. 56 days. Wrinkled variety, growing 30 inches high and commencing to bear 6½ weeks after planting. A heavy cropper and especially desirable where room is scarce. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

Thomas Laxton. 62 days. 3 ft. Exceedingly early and heavy producer of large pods filled with big wrinkled Peas of excellent flavor. Its heavy cropping qualities make it suitable for an early crop in the private garden. Highly recommended for freezing preservation. Pkt. 10c.; ½lb. 35c.; lb. 55c.; 5 lbs. \$2.50.

World's Record. 58 days. First early of the wrinkled Peas. Vines grow 24 to 30 inches tall, bearing a profusion of pointed pods 4 inches long, with 7 to 9 Peas of exceptionally fine quality. Adapted for freezing. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

General or Late-Crop Varieties

Alderman. 74 days. 5 ft. A giant-podded variety of the Telephone group. Vines dark green. Pods dark green, tapered, 4½ to 5½ inches long, ½ inch wide and contain 8 to 10 Peas. Recommended for home and market-gardens and shipping. An excellent freezing variety. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

Champion of England. 80 days. 5 ft. A very tall, rank grower, but a wonderful yielder of delicious quality, wrinkled Peas. Pkt. 10c.; ½lb. 35c.; lb. 55c.; 5 lbs. \$2.50.

Dwarf Telephone. 76 days. 18 in. One of the best medium-early sorts. Large pods filled with very sweet wrinkled Peas. Adapted for freezing. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

Dwarf Champion. 70 days. 2 ft. Possesses almost all the good qualities of the famous Champion of England, and has the further advantage of being dwarf. A very delicious Pea. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

Tall Telephone. 75 days. 3½ ft. The finest late wrinkled Pea grown. Exceedingly sweet. An abundant producer. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

PUMPKIN SEED for medicinal purposes. ½lb. 75c.; lb. \$1.25.

Sugar or Edible-Podded Peas

Large, well-filled pods cooked with the Peas intact. Tender and exceedingly sweet.

Dwarf Gray Sugar. 65 days. 2 ft. Gray seed. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

Mammoth Melting Sugar. 72 days. Seed creamy white. The best of the edible-podded varieties. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

Tall Luscious Sugar. 74 days. 4 ft. Gray seed. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

MICHELL'S PUMPKINS

POTIRON (Fr.) KURBIS (Ger.)
ZUCCA (Ital.)

One ounce will sow 25 to 50 hills;
4 to 5 pounds, an acre

Plant any time after the ground has become permanently warm, about 4 seeds to the hill, the latter to be about 8 feet apart each way. Do not plant near other vine crops, as they may hybridize the latter and spoil the taste. Seed can be planted among corn after the last working.

Connecticut Field. 118 days. Almost round light yellow fruits produced in great abundance. Pkt. 10c.; oz. 30c.; ¼lb. 75c.

Japanese Pie. 110 days. A crook-necked deep green variety with darker stripes which turn to a rich golden yellow. Fruit sets and matures early. Pkt. 10c.; oz. 35c.; ¼lb. 90c.

King of the Mammoths. 120 days. Enormous in size. Orange-salmon skin; bright yellow flesh, fine-grained and of excellent quality for pies. Pkt. 10c.; oz. 35c.; ¼lb. 90c.

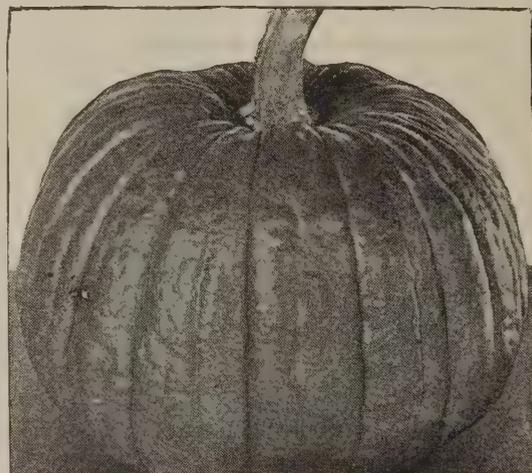
Large Cheese. 108 days. A large, flat-ribbed buff-yellow fruit with flesh of fine quality. An enormous producer, ideal for market, home-garden, and canning purposes. Pkt. 10c.; oz. 30c.; ¼lb. 75c.

Mammoth Cushaw or Golden Crookneck. 112 days. Meaty variety suitable for pies or for stock-feeding purposes. Tender, golden yellow flesh. Pkt. 10c.; oz. 30c.; ¼lb. 75c.

Small Sugar. 110 days. The true popular New England pie Pumpkin. Extremely high in sugar content. Small, round; deep orange; meaty, sweet and free from stringiness. Average weight 5 pounds. Pkt. 10c.; oz. 30c.; ¼lb. 75c.

Tennessee Sweet Potato. 110 days. An oblong, medium-sized fruit with a very light buff-yellow skin. It is delicious for pies, while for cooking for table use it is dry and tasty. Pkt. 10c.; oz. 30c.; ¼lb. 75c.

Winter Luxury. 100 days. The skin is a russet-yellow, while the flesh is golden orange when ripe. Pkt. 10c.; oz. 35c.; ¼lb. 90c.



Small Sugar Pumpkin

Novelties are improved varieties, not fads

MICHELL'S PEPPERS

PIMENT (Fr.) PFEFFER (Ger.) PEPPERONE (Ital.)

One ounce will produce about 1200 plants

Sow the seed in a hotbed or window-box about March 1. Transplant to the open ground when all danger from frost is over, in rows 3 feet apart, 1½ feet apart in the row.

Mild or Sweet Varieties

California Wonder. 72 days. A fine variety of great merit. The very large fruits often weigh 8 to 10 ounces each and are of glossy green color turning later to vivid red. Flesh thick and mild in taste. Pkt. 15c.; ½oz. 60c.; oz. \$1.15; ¼lb. \$3.35.

Calwonder Early. 68 days. Similar to the California Giant but maturing a week or ten days earlier. Plants are sturdy, vigorous and prolific, with attractive fruits. Thick, sweet, mild flesh, deep green changing to bright red. Pkt. 15c.; ½oz. 60c.; oz. \$1.15; ¼lb. \$3.25.

Chinese Giant. 80 days. Monster sweet Pepper with green fruit turning bright scarlet. Pkt. 15c.; ½oz. 55c.; oz. \$1.05; ¼lb. \$3.10.

Golden Queen. 78 days. A large yellow-fruited variety of fine quality. Flesh is medium thick, sweet and tender. Bright green when young, changing to rich golden yellow at maturity. Resembles Ruby King in shape and size. Pkt. 15c.; ½oz. 60c.; oz. \$1.15; ¼lb. \$3.25.

King of the North. 64 days. A large, handsome, early variety recommended for sections where seasons are short. Dark green, turning to a beautiful red. Flesh fairly thick and of mild flavor. Heavy producer. Pkt. 15c.; ½oz. 60c.; oz. \$1.15; ¼lb. \$3.25.

Oshkosh. 70 days. A medium-early sort, deep glossy green when young, turning to canary-yellow at maturity. Fruits are 4½ inches long and 3½ inches at stem end, tapering to a blunt point. Pkt. 15c.; ½oz. 55c.; oz. \$1.05; ¼lb. \$3.10.

Pimiento. 73 days. Excellent, uniformly shaped, sweet green changing to red when ripe. Pkt. 15c.; ½oz. 55c.; oz. \$1.00; ¼lb. \$3.00.

Ruby King. 68 days. Fruits 5 to 6 inches long and 3 inches in diameter, green, turning to red. Pkt. 15c.; ½oz. 55c.; oz. \$1.00; ¼lb. \$3.00.

Sunnybrook, Tomato or Squash. 73 days. Upright grower, with small fruit shaped like a tomato and of mild flavor. Pkt. 15c.; ½oz. 55c.; oz. \$1.00; ¼lb. \$3.00.

Sweet Banana. 68 days. A very early, productive, sweet Pepper. Fruit is 6 to 7 inches long, ½ inch in diameter, tapered to a point, with a slight curve. Light yellow turning to bright red at maturity. Pkt. 15c.; ½oz. 80c.; oz. \$1.45.

Tuscany. 66 days. A very early, large, and prolific variety, maturing three or four days earlier than Calwonder. Fruits are three to four lobed, thick fleshed and smooth; 4 inches long and 3½ inches in diameter at stem end. Plant is stocky and upright. Pkt. 15c.; ½oz. 95c.; oz. \$1.75.

World Beater. 70 days. One of the best large varieties. Fruits are mostly four-lobed, 5 inches long and 3½ inches across. Flesh very meaty and of mild flavor. Pkt. 15c.; ½oz. 55c.; oz. \$1.00; ¼lb. \$3.00.

World Beater No. 13. 73 days. *New.* Introduced by the New Jersey Agricultural Experiment Station. This Pepper is immune to the most destructive disease of Peppers—mosaic. A prolific bearer of large, heavy-fleshed, dark green fruits which turn a ruby-red when fully matured. Pkt. 15c.; ½oz. 60c.; oz. \$1.15; ¼lb. \$3.25.

Bell or Bull Nose. 64 days. One of the earliest varieties and very hardy. The sturdy plants produce great numbers of green fruits, turning later to vivid scarlet. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$2.75.

Hot Varieties

Anaheim Chill. 80 days. The fruit is 6 to 8 inches long and 1½ inches in diameter at the shoulder, tapering to point. Flesh is thick and mildly pungent, deep green turning to rich scarlet at maturity. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$2.75.

Hungarian Wax. 65 days. Fruits about 2½ inches in diameter and 4 to 5 inches long, golden yellow when young, turning later to scarlet. Very hot. Pkt. 15c.; ½oz. 60c.; oz. \$1.15; ¼lb. \$3.25.

Large Red Cherry. 82 days. A large hot variety, extensively used for canning whole; averages 1½ to 2 inches in diameter; shaped something like a flattened tomato. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$2.85.

Long Red Cayenne. 70 days. A long red variety; very hot and used principally for bunching with potherbs. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$2.85.

Red Chili. 80 days. The small narrow red pods are very hot; used for seasoning. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$2.85.



RHUBARB

RHUBARBE (Fr.) RHABARBER (Ger.)
RABARBARO (Ital.)

One ounce will sow 125-foot row

Seed should be sown early in the spring, in shallow drills 1 foot apart; thin out to stand 4 to 5 inches apart in the row. In the fall or following spring, the roots should be transplanted into permanent beds and placed 3 feet apart each way; the year following that or two years after sowing the seed, the Rhubarb may be used. Roots may be planted in the spring up to May 15.

Victoria. Immense long stalks of a cherry-red color. Pkt. 15c.; oz. 50c.; ¼lb. \$1.25.

Rhubarb Roots

Ready April 1 for spring planting

Canada Red. 1 root 85c.; 6 roots \$4.50; 12 roots \$8.50.

MacDonald. A new variety of great merit. 1 root 75c.; 6 roots \$4.00; 12 roots \$7.50.

Victoria. 1 root 40c.; 6 roots \$2.00; 12 roots \$3.50.

Clump, large field-grown, \$1.00 each; 6 for \$5.50.

ROSEMARY

An herb that is used in seasoning and in the production of a volatile oil. Pkt. 25c.

ROQUETTE OR RUCOLA

40 days. Grown for greens. Forms rosettes of oblong, divided, dull green leaves, thick in texture and of a mildly pungent flavor. Pkt. 15c.; ½oz. 50c.; oz. 90c.



World Beater No. 13 Pepper

MICHELL'S CHOICE SEED POTATOES

POMME DE TERRE (Fr.) KARTOFFEL (Ger.) PATATA (Ital.)

Plant one peck for 100 feet of row
Plant 12 to 14 bushels per acre

TIME OF SHIPMENT. Potato shipping with us commences about March 15 (weather permitting), unless otherwise requested. We can ship at customer's risk any time during cold weather. Our Potatoes are put up in sacks of 2½ bushels each.

Beats Them All (Michell's). This famous variety has given the best results wherever tried, yielding more than any other early Potato. Oblong in shape; quality fine. Extremely early, coming in about 7 to 10 days earlier than Early Rose.

Chippewa. A splendid early, disease-resistant variety. Yields a heavy crop of oval tubers with shallow eyes and smooth skin.

Green Mountain. An excellent general crop variety. White; roundish flat.

Irish Cobbler. An excellent sort, almost round in shape.

Jersey Redskin. Especially adapted for planting in light, sandy soil in late June and early July. Oval shape, medium size, and cook pure white.

Katahdin. A new late Potato that has consistently proved to be a heavy cropper and highly resistant to disease. The tubers are slightly oval, smooth with shallow eyes. Flesh white, dry and mealy. Excellent for winter storage.

Sebago. This is a medium early, blight-resistant sort. Tubers uniformly round, white skinned, smooth, with shallow eye. Flesh is white, mealy and of excellent quality.

ALL PRICES SUBJECT TO MARKET CHANGES

MICHELL'S SELECT RADISH SEED

RADIS (Fr.) RADIES (Ger.) RAVANELLI (Ital.)

One ounce will sow 75 feet of row;
8 to 10 pounds, an acre

Radishes should be sown in good rich ground, where they can make rapid growth, for then only do they produce the best results. Early sowings can be made as soon as frost is out of the ground. The winter Radishes are sown in July and are developed by autumn, at which time they may be taken up and stored in a cool cellar and covered with sand.

Early Varieties

Cavalier. 23 days. A very fine greenhouse stock of Scarlet Globe type. Roots are deep globe shape, bright scarlet, thin tap-root. Flesh firm and crisp, stays in eating condition longer than similar types. Top short but long enough for bunching. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; $\frac{1}{2}$ lb. \$1.55.

Cherry Belle. Round and red as a cherry, with short top and small tap-root. Solid and crisp and especially adapted to forcing. Pkt. 15c.; oz. 60c.; $\frac{1}{4}$ lb. \$1.75.

Crimson Giant. 28 days. Early, large, globe-shaped Radish with crisp, solid flesh that remains a long time without getting pithy. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; $\frac{1}{2}$ lb. \$1.55.

Early Scarlet Globe. 25 days. A special strain from transplanted roots. Uniform in shape, color, and size; short tops. One of the best. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; $\frac{1}{2}$ lb. \$1.55.

Early Scarlet or Cardinal Globe. 26 days. For outside sowing. The vivid scarlet color and oval shape are perfect. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; $\frac{1}{2}$ lb. \$1.55.

French Breakfast. 25 days. Rapid grower. Oblong, mild and tender; scarlet, tipped with white. Good for open ground or forcing. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; $\frac{1}{2}$ lb. \$1.55.

Icicle. 27 days. An excellent white variety; grows $3\frac{1}{2}$ to 4 inches long. Valuable for forcing and for open ground. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; $\frac{1}{2}$ lb. \$1.55.

Long Scarlet Short-Top. 27 days. A long, bright scarlet variety with small top. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; $\frac{1}{2}$ lb. \$1.55.

Early Deep Scarlet Forcer. 25 days. A popular variety for hotbed or greenhouse; also valuable for outdoor planting. Very early, crisp, and mild. Pkt. 10c.; oz. 45c.; $\frac{1}{4}$ lb. \$1.25; $\frac{1}{2}$ lb. \$2.25.

Philadelphia White Box. 28 days. A selection of the old White Box Radish. It has more perfect form, produces shorter tops, and does not have a tendency to grow long. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; $\frac{1}{2}$ lb. \$1.55.

Round Red or Button. 25 days. Extra early. Excellent for hotbed or garden culture. Flesh white, mild and tender. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; $\frac{1}{2}$ lb. \$1.55.

Scarlet Turnip, White-tipped. 26 days. Fine early scarlet variety with white tip. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; $\frac{1}{2}$ lb. \$1.55.

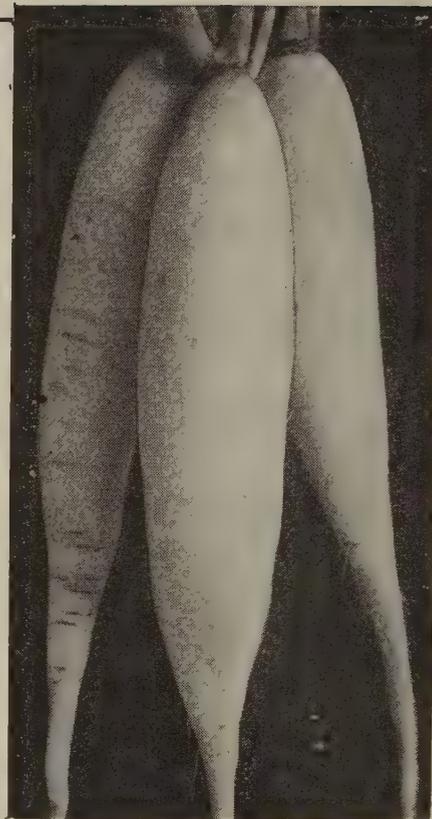
Summer and Winter Varieties

Celestial or White Chinese. 60 days. Large; pure white; excellent keeper. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; $\frac{1}{2}$ lb. \$1.55.

China Rose. 52 days. One of the best for winter use. Half-long in shape with a scarlet, blunt tip; flesh firm. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; $\frac{1}{2}$ lb. \$1.55.

Long Black Spanish. 58 days. Large; skin black; flesh white, very firm. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; $\frac{1}{2}$ lb. \$1.55.

Round Black Spanish. 56 days. Large; thick black skin; pure white flesh. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; $\frac{1}{2}$ lb. \$1.55.



Icicle Radishes

White Strasburg. 43 days. Oblong; pure white, mild flavor. An excellent variety for summer use. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; $\frac{1}{2}$ lb. \$1.55.

RUTABAGA. See page 43.

SAGE

Used in flavoring. Pkt. 25c.; $\frac{1}{4}$ oz. \$1.25.

SQUASH

COURGE (Fr.) KURBIS (Ger.)

ZUCCA (Ital.)

One ounce will sow 20 to 30 hills; 3 to 4 pounds, an acre

This is a popular vegetable for summer and winter use, and being susceptible to cold it should not be planted until the ground is thoroughly warm. The bush sorts should be planted in hills 4 to 5 feet apart each way; the running varieties, 8 to 12 feet apart. Place 8 to 10 seeds in a hill and thin out to about 4 plants in a hill.

Summer Varieties

Cocozelle or Italian. 64 days. A bush variety. Long smooth, dark green fruits, striped lighter. Fine for slicing and frying. Pkt. 15c.; oz. 35c.; $\frac{1}{4}$ lb. 95c.

Early Prolific Straightneck. 50 days. A bush type that produces abundantly. Fruit is smooth, straight, bright lemon-yellow in edible stage, 12 inches long and 3 inches in diameter. Flesh firm and of excellent flavor. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.

Early White Bush. 52 days. A round, scalloped form with an ivory-white skin. Has an abundance of meat of very fine flavor. Matures early; very prolific. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.

Giant Straightneck. 60 days. A new bush sort. Fruits 18 to 20 inches long when matured and heavily warted. Deep orange color. Thick and meaty. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.

Giant Yellow Summer Crookneck. 52 days. Shaped like a club with a bent neck. The skin is rough, warted, and orange-yellow color. This is a running variety. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.

Golden Table Queen. 95 days. High quality Acorn type. Similar to Table Queen but has rich golden yellow outer skin. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.

Table Queen or Acorn. Edible in about 55 days. Fruits 6 to 8 inches long, 3 inches in diameter; deep green rind turning to orange; flesh light yellow. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.

Yankee Hybrid. 49 days. All-America Bronze Medal Winner. The fruits mature from 3 to 10 days earlier than other varieties of this class. Pkt. 15c.; oz. 75c.; $\frac{1}{4}$ lb. \$2.50.

Zucchini. 62 days. Cocozelle type. Fruits 12 to 14 inches long; green skin, mottled yellow when matured; flesh delicious. Pkt. 15c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.20.

Fall and Winter Varieties

Blue Hubbard. 110 days. A selection from the original Hubbard. The fruit is of a gray-blue color, grows large, is a remarkably good keeper and of excellent quality. Pkt. 15c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.20.

Boston Marrow. 97 days. Golden orange. Fine for canning, cooked as a vegetable or in pie. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.

Buttercup. 100 days. A fine, highly productive winter Squash with deep golden yellow flesh, dry, thick and fine grained. The turban-shaped fruit is 6 to 8 inches in diameter, deep green faintly striped and flecked with gray. There is a heart-shaped protuberance at the blossom end. Pkt. 15c.; oz. 45c.; $\frac{1}{4}$ lb. \$1.25.

Butternut. 90 days. A fine variety of small winter Squash of recent introduction. The fruit is 10 to 12 inches in length, bottle shape, with a thick, solid, meaty neck and a very small seed cavity in bulbous end. The pale orange shell is smooth and hardy, with rich yellow meat. Pkt. 15c.; oz. 65c.; $\frac{1}{4}$ lb. \$1.95.

Delicious. 102 days. Has the finest flavor of any Squash. Oblong, with deep green skin, thin rind, and small seed-cavity. One of the best winter keepers. Pkt. 15c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.20.

Golden Hubbard. 100 days. Used for pie and also served as a vegetable; dry and delicious. Outside deep orange-red. Pkt. 15c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.20.

Hubbard. 105 days. True. Fruits large, olive-shaped, with dark green skin and rich flesh. Pkt. 15c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.20.

SAFFRON

Herb used in adding color to soups, etc. Pkt. 25c.; $\frac{1}{4}$ oz. \$1.25; $\frac{1}{2}$ oz. \$2.00.

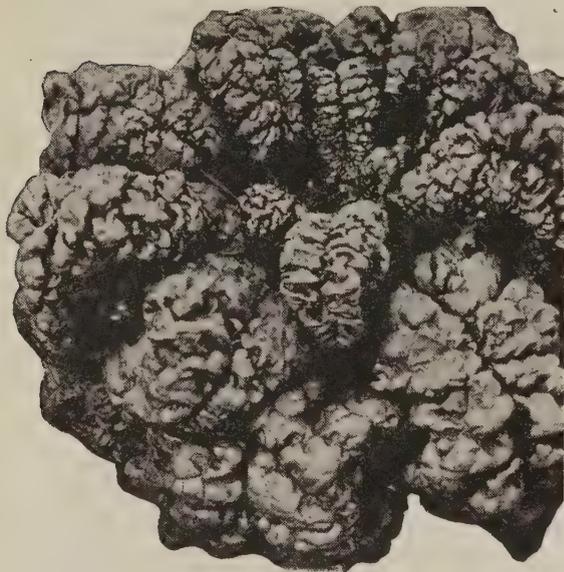
SAVORY

Summer. Herb used in flavoring. Pkt. 15c.; $\frac{1}{2}$ oz. 50c.; oz. 90c.

SWEET BASIL

Herb used for soups and stews. Pkt. 15c.; $\frac{1}{4}$ oz. 40c.; $\frac{1}{2}$ oz. 60c.; oz. \$1.00.

ALL PRICES SUBJECT TO MARKET CHANGES



Bloomsdale Savoy Spinach

MICHELL'S SELECT SPINACH SEED

EPINARD (Fr.) SPINAT (Ger.)
SPINACCIO (Ital.)

One ounce will sow about 75 feet of drill;
10 to 12 pounds, an acre

Sow for spring use, in drills 1 foot apart (covering the seed to about 1/2 inch), as early as the ground can be worked, and continue to sow every two weeks till May 15. Spinach seed seldom germinates during June, July, or August, so we do not recommend sowing again until September, which is the season to provide an early winter and spring crop. On the approach of cold weather, cover with manure, long straw, or other litter. Spinach can also be grown successfully under hotbed sash.

Bloomsdale Long-standing Savoy. 42 days. Will stand considerable heat before bolting to seed, therefore valuable for spring sowing. Leaves are thick, crimped, and fleshy. Pkt. 10c.; oz. 25c.; 1/4lb. 75c.; 1/2lb. \$1.25; lb. \$1.95.

King of Denmark. 45 days. A new variety that stands a long while without running to seed. The deep green leaves are large, rounded, and slightly blistered. Pkt. 10c.; oz. 25c.; 1/4lb. 75c.; 1/2lb. \$1.25; lb. \$1.95.

Juliana. 48 days. Leaves broad, of dark green, glossy color, heavily blistered. Pkt. 10c.; oz. 25c.; 1/4lb. 75c.; 1/2lb. \$1.25; lb. \$1.95.

Nobel Giant Thick Leaf. 43 days. A quick-growing variety, large and spreading, very productive, and slow to bolt to seed. The broad leaves are rich bright green, medium thick, tender, slightly crumpled. Pkt. 10c.; oz. 25c.; 1/4lb. 75c.; 1/2lb. \$1.25; lb. \$1.95.

New Zealand. 70 days. This variety endures heat and drought and is excellent for summer use. Leaves small and thick. Pkt. 15c.; oz. 35c.; 1/4lb. 95c.; 1/2lb. \$1.75; lb. \$3.40.

Old Dominion Blight-Resistant. 40 days. Produces an abundance of large, dark green, heavily crumpled leaves. Will stand for an extremely long time before seeding. Recommended for late fall planting for spring crop. Pkt. 10c.; oz. 25c.; 1/4lb. 75c.; 1/2lb. \$1.25; lb. \$1.95.

Virginia Blight-resistant Savoy. 39 days. A variety of vigorous growth, which is immune from disease. Excellent for fall sowing. Pkt. 10c.; oz. 25c.; 1/4lb. 75c.; 1/2lb. \$1.25; lb. \$1.95.

ALL PRICES SUBJECT TO MARKET CHANGES

MICHELL'S TURNIP and RUTABAGA SEED

NAVET (Fr.) WEISSE RUBE (Ger.) NAVONNE (Ital.)

One ounce of seed for 100 feet of drill; 2 pounds per acre, broadcast

For early use sow the small sorts as soon as the ground can be worked in the spring in drills 14 inches apart. As the seed is fine it should be covered but slightly, except in very dry weather. Do not sow too thickly, so the roots can develop. For fall and winter use sow broadcast from the middle of July to the middle of August.

Turnip

Early Purple-Top Flat. 46 days. A popular early variety. Root clear white, purple top; good quality. Pkt. 10c.; oz. 20c.; 1/4lb. 60c.; 1/2lb. 95c.; lb. \$1.75.

Early White Flat Dutch (Strap-Leaf). 46 days. An early variety, producing a medium-sized root of fine quality. Pkt. 10c.; oz. 20c.; 1/4lb. 60c.; 1/2lb. 95c.; lb. \$1.75.

Purple-Top White Globe. 57 days. Large root, skin purple at top, white at bottom. A good table and market variety. Pkt. 10c.; oz. 20c.; 1/4lb. 60c.; 1/2lb. 95c.; lb. \$1.75.

Shogoin. 30 days. A two-purpose variety with tops equal to the best spinach. The roots are pure white and of fine flavor. Pkt. 10c.; oz. 20c.; 1/4lb. 60c.; 1/2lb. 95c.; lb. \$1.75.

Snowball. 40 days. Pure white, globe-shaped. Very early. Pkt. 10c.; oz. 20c.; 1/4lb. 60c.; 1/2lb. 95c.; lb. \$1.75.

Southern Seven-Top. 80 days. Chiefly used for winter greens. Extensively sown in the South. Pkt. 10c.; oz. 20c.; 1/4lb. 60c.; 1/2lb. 95c.; lb. \$1.75.

Yellow Globe or Amber. 80 days. Shaped like the Purple-Top Globe, but colored like a yellow Rutabaga. Pkt. 10c.; oz. 20c.; 1/4lb. 60c.; 1/2lb. 95c.; lb. \$1.75.

Rutabaga

Rutabagas should be sown in drills about 2 1/2 feet apart, and when 3 inches high thinned out to get the greatest root-development. They need to be cultivated liberally and hilled up when about 6 inches high.

Customers frequently complain that Rutabagas grow too long, rather than in a round form. In the locality of Philadelphia and New York, the seed should be sown from July 15 to August 1. Seed sown earlier than this invariably produces long roots.

American Purple-Top Yellow. 90 days. **Special Strain.** Roots are mostly round, with a small tap-root, yellow, with purple crown; flesh amber-colored, sweet and free from fiber; tops medium size. Pkt. 15c.; oz. 25c.; 1/4lb. 75c.; 1/2lb. \$1.40; lb. \$2.50.

Bucks County Neckless. 85 days. Although somewhat like American Purple-Top, this variety is earlier, with medium top and very small neck. Flesh is golden yellow, very fine grained, tender and sweet. Pkt. 15c.; oz. 25c.; 1/4lb. 75c.; 1/2lb. \$1.40; lb. \$2.50.

Purple-Top Yellow. 90 days. *Usual Strain.* Top is purple, the bottom yellow. It brings a high price when sold in the market on account of its shape. Pkt. 10c.; oz. 20c.; 1/4lb. 60c.; 1/2lb. 95c.; lb. \$1.75.

SALSIFY . OYSTER PLANT

SALSIFIS (Fr.) HAFER WURZEL (Ger.)
SALSEFIA (Ital.)

One ounce will sow about 50 feet of drill;
10 pounds, an acre

Sow in early spring, in drills 15 inches apart and 1 to 2 inches deep; when about 4 inches high, thin to 3 inches apart. Soil should be deep and mellow in order that the root may grow straight down.

Mammoth Sandwich Island. Enormous; very tender and delicious. Pkt. 20c.; 1/2oz. 45c.; oz. 80c.

SWISS CHARD

Dark Green Curled. 55 days. Pkt. 15c.; oz. 25c.; 1/4lb. 75c.

Fordhook Giant. 55 days. Pkt. 15c.; oz. 25c.; 1/4lb. 75c.

Giant Lucullus. 50 days. Pkt. 15c.; oz. 25c.; 1/4lb. 75c.

Rhubarb. 60 days. Pkt. 15c.; oz. 50c.

For descriptions of above, see page 32.

TAMPALA

Tampala grows best during the long hot summer days but must be well watered during any prolonged dry spell.

Sow the seed after the ground is thoroughly warm, in shallow drills not more than 1/8 inch deep, spacing the rows 2 feet apart.

Entire plants cut when 5 to 6 inches high make very tasty greens when prepared like spinach. Or if plants are thinned out to stand 2 feet apart and allowed to become well established, the tips 5 to 6 inches long may be cut and new side branches will develop and provide continuous cutting throughout the season. Stems the size of asparagus tips may be stripped of the leaves and prepared as you would asparagus. Pkt. 15c.; 1/8oz. 45c.; 1/4oz. 75c.; oz. \$2.00.

Red Tampala. Similar to the green variety but having variegated green and red leaves but red veins. Pkt. 25c.; 1/8oz. 60c.; 1/4oz. oz. \$1.00; oz. \$3.00.

SORREL

Broad-leaved French. 60 days. Used as a salad; has an acid flavor. Sow seed in the spring in good light soil in shallow drills 1 foot apart; thin out to 4 inches apart in the row. Pkt. 15c.; 1/2oz. 40c.; oz. 75c.; 1/4lb. \$2.50.

TOBACCO

Connecticut Seed-Leaf. Produces large leaves, desirable for making cigars. Pkt. 20c.; 1/2oz. 60c.; oz. \$1.00.

Havana. 120 days. Large thick leaf of fine texture. Much used for cigar wrapper. Pkt. 20c.; 1/2oz. 60c.; oz. \$1.00.

White Burley. 120 days. Root-rot resistant. Grows large and strong. A favorite for plug fillers and wrappers. Pkt. 20c.; 1/2oz. 60c.; oz. \$1.00.

Seeds of Culinary and Medicinal Herbs

There is an increasing interest in Herbs today, and Herb-gardens are becoming quite popular. The majority of them are very easy to grow and therefore should be grown more extensively than they are.

| | Pkt. | 1/4oz. | 1/2oz. | Oz. | 1/4lb. |
|------------------|--------|--------|--------|------|--------|
| Anise | \$0 15 | \$0 50 | \$0 90 | | |
| Basil, Sweet | 15 | \$0 40 | 60 | 1 00 | |
| Borage | 15 | 60 | 1 00 | 1 50 | |
| Caraway | 15 | | 50 | 90 | |
| Catnip | 15 | 75 | 1 25 | 2 00 | |
| Chives | 15 | 55 | 1 00 | 1 75 | |
| Coriander | 15 | | 30 | 50 | |
| Dill | 10 | | | 25 | \$0 75 |
| Fennel, Sweet | 15 | | | 50 | 1 25 |
| Fennel, Florence | 15 | | | 50 | 1 25 |
| Lavender | 25 | 75 | 1 35 | 2 50 | |
| Rosemary | 25 | 85 | 1 50 | | |
| Saffron | 25 | 1 25 | 2 00 | | |
| Sage | 25 | 1 25 | 2 25 | 3 75 | |
| Summer Savory | 15 | | 50 | 90 | |
| Sweet Marjoram | 25 | 85 | 1 50 | | |
| Thyme | 25 | 1 00 | 1 75 | | |

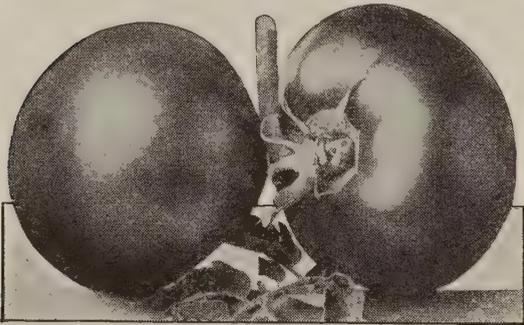
For particulars on Herb Plants refer to page 81

Tomatoes are "tops" for every garden

MICHELL'S SELECT TOMATO SEED

POMME D'AMOUR (Fr.) LIEBESAPFEL (Ger.) POMO D'ORO (Ital.)
One ounce will produce 3500 plants; ¼ pound, enough plants for an acre

NOTE: All seeds on this page mailed post-paid at prices quoted



Rutgers Tomatoes

- Jubilee.** 72 days. All-America Bronze Medal Winner. A new globe-shaped variety mild in flavor, bright orange-yellow. Pkt. 20c.; ½oz. 50c.; ½oz. 85c.; oz. \$1.60; ¼lb. \$4.75.
- Bonny Best.** 73 days. One of the most prolific early Tomatoes. Solid, evenly formed, bright red fruit. Pkt. 10c.; ½oz. 45c.; oz. 80c.
- Break o'Day.** 70 days. Disease-resistant. Fruits globular, large, smooth, meaty, and a good red color. Pkt. 10c.; ½oz. 45c.; oz. 80c.
- Crimson Cushion or Beefsteak.** Non-acid. 90 days. A vigorous grower producing immense, solid, very meaty fruits. Pkt. 15c.; ½oz. 75c.; oz. \$1.40.
- Dwarf Champion.** 86 days. Tree Tomato. Plant dwarf and compact. Fruit red, with a purplish cast; solid; late maturing. Pkt. 15c.; ½oz. 75c.; oz. \$1.40.
- Dwarf Stone.** 92 days. Tree Tomato. A dwarf, compact plant and medium-sized, very solid bright red fruit. Late cropper. Pkt. 20c.; ½oz. 80c.; oz. \$1.50.
- Earliana or Penn State.** 66 days. One of the earliest bright red varieties. Compact in growth; a good yielder. Fruit solid, uniform and of excellent quality. Pkt. 15c.; ½oz. 65c.; oz. \$1.20.
- Garden State.** 84 days. Plant is very vigorous and resistant to fusarium wilt and late blight. The fruits are globe shape, slightly flattened, thick walled and mild. Pkt. 15c.; ½oz. 60c.; oz. \$1.10; ¼lb. \$3.25.
- Golden Ponderosa.** 88 days. The best large golden yellow variety. Early; smooth. Pkt. 25c.; ½oz. \$1.00; oz. \$1.75.
- Golden Queen.** 82 days. A leader in the main-crop yellow-fruited field. Golden yellow, medium sized, smooth, firm. Mild flavor. Pkt. 15c.; ½oz. 60c.; oz. \$1.10.
- Greater Baltimore.** 82 days. A main-crop variety. Fruit large, brilliant red, and ripens evenly. Pkt. 10c.; ½oz. 40c.; oz. 75c.
- Italian Salad.** 74 days. This fine, red, plum-shaped salad Tomato has become quite popular. It is practically free from acid, has few seeds, and a flavor all its own. Pkt. 20c.; ¼oz. 60c.; ½oz. \$1.00; oz. \$1.85.
- John Baer.** 70 days. Clusters of beautiful red fruit of good size and nearly round. Pkt. 10c.; ½oz. 45c.; oz. 80c.
- June Pink.** 69 days. Large; solid purplish red flesh of fine texture. Pkt. 15c.; ½oz. 45c.; oz. 85c.
- Marglobe. Special Strain.** 77 days. Variety of special merit, practically immune from the many Tomato diseases. Pkt. 15c.; ½oz. 45c.; oz. 85c.
- Marglobe. Usual Strain.** 77 days. Pkt. 10c.; ½oz. 35c.; oz. 65c.
- Oxheart.** 90 days. A main-crop, pink-fruited sort, popular in certain sections due to its great solidity. Non-acid; quality fine. Pkt. 15c.; ½oz. 85c.; oz. \$1.60.

Pan America. 75 days. This variety is highly resistant to nailhead rust and wilt. The fruits are bright scarlet throughout, medium large, globular shaped, with thick flesh, free of cracking. Strong-growing vine developing good coverage. Pkt. 15c.; ½oz. 75c.; oz. \$1.40.

Ponderosa. 88 days. Non-acid. The largest Tomato in existence. A beautiful deep pink, at times rather uneven in shape. Pkt. 15c.; ½oz. 65c.; oz. \$1.25.

Pritchard or Scarlet Topper. Special Strain. 76 days. An early variety undoubtedly the best of all recent introductions. The shape and outside color compare favorably with Break o'Day; the inside color is darker red. Pkt. 15c.; ½oz. 45c.; oz. 85c.

Pritchard or Scarlet Topper. Usual Strain. 76 days. Pkt. 10c.; ½oz. 35c.; oz. 65c.

Rutgers. Special Strain. 78 days. A new introduction by the New Jersey Agricultural College. It ripens at about the same time as Marglobe and is very productive. An excellent main-crop variety. Pkt. 15c.; ½oz. 45c.; oz. 85c.

Rutgers. Usual Strain. 78 days. Pkt. 10c.; ½oz. 35c.; oz. 65c.

Stokesdale. 73 days. An extra-early scarlet-fruited sort. Owing to its short season it is well adapted to the northern states. Pkt. 15c.; ½oz. 45c.; oz. 85c.

Stone. 86 days. An old-time favorite. Large, handsome red fruit with smooth skin. Recommended for a main crop. Pkt. 10c.; ½oz. 40c.; oz. 75c.

Valiant. 57 days. An extra-large early market variety producing brilliant scarlet fruits of the globe type. It has a rather sparse, open vine, and therefore should mature most of its crop before the extreme heat. Pkt. 15c.; ½oz. 50c.; oz. 90c.

Victor. 66 days. It is very early, very prolific with a full set of fruit maturing all together for early use. The fruit is of moderate size, semi-globe shape, rich scarlet color borne in large clusters. Pkt. 15c.; ½oz. 55c.; oz. \$1.00.

White Beauty. Large size, ivory-white; fruit of excellent quality. Flesh is almost paper-white and absolutely free from acid. Pkt. 25c.; large pkt. 75c.

Forcing Tomatoes

PERFECT FORCING TOMATO (Selandria) is a new and outstanding improvement in Forcing Tomatoes. It is practically free from corrugated fruits, is very resistant to diseases especially leaf mould, is very early and gives a large yield under all growing conditions.

The fruits are very round, handsome in appearance, of a beautiful bright red color and of fine flavor and very uniform and firm.

The majority of the fruits are four-celled and perfect for shipping and packing.

We recommend this as the ideal Tomato for greenhouse growing. Pkt. \$1.00; large pkt. \$2.00; ½oz. \$3.25; ¼oz. \$5.75; ½oz. \$10.00.

Michigan State Forcing. Pkt. 25c.; large pkt. 75c.

Sunrise. 80 days. A forcing variety of the European type. Fruits are scarlet in color and grow in clusters. Vine is vigorous and a very good producer. Pkt. 20c.; ½oz. 80c.; oz. \$1.50.

Small-Fruited Tomatoes

Red Cherry Red Plum Yellow Pear Red Pear Yellow Cherry Yellow Plum Strawberry or Husk
Pkt. 20c.; ½oz. 60c.

VEGETABLE PLANTS AND ROOTS

Owing to existing conditions and traffic difficulties, we are unable to deliver free, orders for vegetable plants and roots under the minimum price of \$3.00 on each consignment.

We regret that it is not practicable to ship pot-grown plants of PEPPER, PARSLEY, EGG-PLANTS, and TOMATOES by Parcel Post.

The foliage of these plants is very soft and tender and we have found from experience (largely because of delays in the mail service), that they reach their destination in a worthless condition.

Nor can we ship any of the above-mentioned plants outside the Japanese beetle zone.

A fresh supply of these plants will be available during the planting season at our store, 516-18 Market St., Philadelphia 5, on a cash-and-carry basis.

Asparagus Roots

Ready about March 20 for spring planting; about November 1 for fall planting

The two-year roots usually produce two years after planting. Our stock is especially fine in quality.

Giant Washington. 2-yr. roots, 50, \$2.50; 100, \$4.00; 1000, \$30.00.

Paradise. 2-yr. roots, 50, \$3.00; 100, \$5.00.

Cabbage Plants Ready April 1

Early sorts. Coldframe plants, 100, \$1.50.

Late sorts. Ready July 1.

Late Flat Dutch, Danish Ballhead and Red Dutch Drumhead varieties only. 100, \$1.50.

Celery Plants Ready in July

White Plume, Giant Pascal, Winter Queen and Golden Self-blanching. 100, \$1.50; 1000, \$11.00.

Eggplant Plants

Ready after May 15

New York Improved and Black Beauty. Pot-grown plants. Doz. \$1.25; 100, \$8.50.

Horseradish Roots

6, 60c.; doz. 85c.; 50, \$2.25; 100, \$4.25

Parsley Plants Ready in May

Pot-grown plants. Doz. \$1.00; 100, \$8.00

Pepper Plants Ready in May

Bull Nose and Ruby King varieties. Pot-grown plants. Doz. \$1.00; 100, \$8.00.

Rhubarb Roots

Ready April 1 for spring planting

Canada Red. Root 85c.; 6 roots \$4.50; 12 roots \$8.50.

MacDonald. A new variety of great merit. 1 root 75c.; 6 roots \$4.00; 12 roots \$7.50.

Victoria. 1 root 40c.; 6 roots \$2.00; 12 roots \$3.50. Clump, large field-grown, \$1.00 each; 6 for \$5.50

Sweet Potato Plants Ready in June

Yellow and Red Nansemond. 100, \$2.00; 1000, \$18.00. (Not less than 100 plants of a variety can be furnished.)

Tomato Plants Ready after April 15

Early and Late Varieties. Pot-grown plants. Doz. \$1.00; 100, \$8.00.

ALL PRICES SUBJECT TO MARKET CHANGES

MICHELL'S SELECTED HAND-PICKED FIELD CORN

Plant 8 to 10 quarts per acre in hills for shelled Corn or for silo, or sow 1½ to 2 bushels broadcast for fodder

Our strains of Corn are not the common kinds usually found in abundance on the market. We give very careful attention to selected stock in all lines of farm seeds. This is particularly true of Field Corn where re-selection means the limit of crop with little or no increase in

cost. Our stock is selected for size of ear and fodder, uniformity of kernel, and the careful finish of the tip and butt, all of which means a considerable increase in production. Field Corn weighs 56 pounds per bushel.

Iowa 939 Hybrid

Maturity 100-105 days

Adapted to a wide range of conditions. Ears are cylindrical shaped; kernels somewhat rough and soft. Popular with cattle feeders because of non-flinty kernel. Qt. 70c.; pk. \$3.10; bus. \$9.95.

Ohio C 12 Hybrid

Maturity 110-115 days

One of the newer varieties which has been giving remarkable performance records. It matures a trifle earlier than U. S. 13, produces a good-sized ear, deep grain and stiff stalk. Can be recommended as a late variety for the south central and southwestern counties as well as the lower eastern counties of Pennsylvania. For an exceptionally heavy yield, plant Ohio C 12 this year. Qt. 65c.; pk. \$2.95; bus. \$9.75.

Ohio C 88 Hybrid

Maturity 110-115 days

A hybrid of excellent appearance and a favorite in many localities; a consistent high yielder. Stalk is medium large and stands up well in the field. Ears are large; kernels are deep and have a reddish cast, often two ears to the stalk. Corn-borer resistant. Qt. 65c.; pk. \$2.95; bus. \$9.75.

U. S. 13 Hybrid

Maturity 110-115 days

Matures about nine days later than Lancaster County Sure crop. Medium rough, deep grains; medium tall stalk. Good silage producer throughout the eastern states. One of the highest yielding of all hybrid varieties for both grain and silage. Qt. 65c.; pk. \$2.95; bus. \$9.75.

Lancaster County Sure Crop

Silage 90 days—Grain 100 days

The most popular variety for silage in Pennsylvania, New York and the New England states. It is adaptable to practically all climatic and soil conditions and will withstand drought. A favorite because it provides plenty of silage with rich feed value. Grows tall, leafy stalks; long ear with thin cob—high in protein, husks easily, shells well, rich yellow. Qt. 50c.; pk. \$2.10; bus. \$6.80.



Field Corn, U. S. 13 Hybrid

Eight-rowed Yellow Flint

Grain 90 days

Grows a long ear with exactly eight rows of grain. Thin cob, grain very hard and of a deep golden color. Qt. 50c.; pk. \$2.20; bus. \$6.95.

Improved Leaming

Silage 95 days—Grain 105 days

Known for its adaptability to most any soil and climate. Medium-sized ear with grains of rich yellow, wedge shaped. Qt. 50c.; pk. \$2.10; bus. \$6.90.

White Cap Yellow Dent

Silage 105 days—Grain 115 days

Developed here in Lancaster County. Large ear, red cob, cap of grain white, lower part light yellow. An excellent producer of rich silage in New York state. Qt. 50c.; pk. \$2.10; bus. \$6.90.

Reid's Yellow Dent

Silage 105 days—Grain 120 days

Often called Golden Yellow Dent and classed as a medium-season Corn. Large, broad, heavy ears—an extra-good sheller. Qt. 50c.; pk. \$2.10; bus. \$6.90.

MICHELL'S HIGH-GRADE FARM SEEDS

BARLEY

(Treat with CERESAN)

The straw is good for green feed or when cured as hay, and the grain in the hull is excellent poultry feed. If wanted for hay it should be cut while the grain-head is in a soft or milky condition. Sow broadcast 1½ to 2 bushels per acre, from April to July 1. 48 pounds per bushel. Makes an ideal nurse crop for spring-sown alfalfa. Frequently yields 50 bushels per acre. Qt. 30c.; pk. \$1.50; bus. \$4.00.

BROOM CORN

Sow in May, about 10 pounds per acre, in drills 3 feet apart. Plants should be thinned out to stand 3 inches apart in the row.

Evergreen. Produces extremely straight brush retaining its green color well after ripening. Yields 1000 pounds of salable brush per acre. 50 pounds per bushel. Lb. 40c.; 10 lbs. \$3.50.

Stanley's Crow Repellent

Protects your crop against crows, pheasants, blackbirds, etc. Also protects seed from rotting in the ground. Non-poisonous. ½pt. 60c.; pt. \$1.00; qt. \$1.75. One pint is sufficient for two bushels of Seed Corn.

Prices on Farm Seeds in larger quantities than listed will be quoted on application.

SOY BEANS

(Inoculate with LEGUME-AID)

This valuable plant enriches the ground in which it is planted by the free nitrogen gathered from the air which is deposited in the ground by the roots. Sow 1½ bushels per acre alone, or 50 pounds, in drills 2½ feet apart, during May or June. If wanted for silo it will be ready for harvest about September 1, when the pods will be well filled. 60 pounds per bushel.

Black Wilson. An early-maturing (120 days) and the best all-round variety, being a heavy seed-yielder and producing high-quality hay. Qt. 40c.; pk. \$2.00; bus. \$5.75.

Green Mammoth (Tokio). Late. An extra-large green variety, suitable for edible purposes as well as for hay and soiling. Qt. 40c.; pk. \$2.25; bus. \$6.00.

Lincoln. Has a remarkable yield record. It is superior in standing ability and ranks high in quality and content of oil. Maturity 128 days. Qt. 45c.; pk. \$2.35; bus. \$6.25.

Mammoth Yellow. Late. Qt. 40c.; pk. \$2.00; bus. \$5.50.

Manchu. Early variety (110 days) which will make an extra-heavy yield of large yellow Beans, high in oil-content. An excellent variety for milling. Qt. 45c.; pk. \$2.00; bus. \$5.50.

ALL PRICES SUBJECT TO MARKET CHANGES

LADINO WHITE CLOVER

Sow it for a year-round pasture. U. S. Department of Agriculture says: "Ladino is the largest growing form of White Clover. It is similar to White Dutch but grows about twice as large. Introduced from South Europe. Many farmers cut it for hay in the summer and graze it the rest of the year."

It is a long-lived perennial. Its taproot goes down 1 to 3 feet. The stems run on the ground, taking root. One plant covers 2 feet. A sparse stand soon thickens into a dense, even growth. The only parts available to grazing are the highly nutritious leaves and flowers which rise 12 to 20 inches in great profusion from the numerous joints.

It grows on any soil, even shallow hardpan, but does best on loam or clay where moisture is plentiful. The seed is so small it requires a firm hard seedbed, planted shallow and covered very lightly. Our seed is scarified, germinates over 90 per cent, requiring one-half as much per acre. Inoculate and sow in spring or fall, 5 pounds per acre alone, or 3 pounds in mixtures. Don't pasture until plants spread and start sending up shoots from the joints. Lb. \$3.50; 10 lbs. \$30.00.

Wild White Clover. This Clover is suited for soils below the fertility standard and provides a most effective and economical source of nitrogen. It is perfectly hardy. Sow from 1 to 3 pounds per acre in mixture, preferably in the early spring. ¼lb. 75c.; lb. \$2.75; 5 lbs. \$12.50; 10 lbs. \$23.50.

Yellow Trefoil (Medicago lupulina). Also known as Yellow Clover. Recommended for use in permanent pastures because of its ability to furnish pasture during the spring months. Lb. 60c.

MICHELL'S HIGH-GRADE FARM SEEDS, continued

RECLEAVED CLOVERS

Clovers weigh 60 pounds per bushel

Alfalfa, Common (*Medicago sativa*). Non-irrigated. Sow during April and May, August and September, 25 pounds per acre, preferably alone. 60 pounds per bushel. 10 lbs. \$6.50; pk. \$9.00; bus. \$35.00.

Alfalfa, Grimm. An extremely hardy variety, less apt to winter-kill than older sorts. Heavy yielder and of deep-rooting habit. Sow 15 to 20 pounds per acre. 10 lbs. \$8.50; pk. \$12.50; bus. \$40.00.

Alsike or Swedish Clover (*Trifolium hybridum*). One of the hardiest and most tolerant of adverse soil conditions. Grows from 1 to 2 feet high. Sow early in the spring or early autumn, mixed with timothy, or 10 pounds per acre if alone. 10 lbs. \$6.50; pk. \$9.00; bus. \$32.00.

Crimson Clover (*Trifolium incarnatum*). Used principally for soiling or green manuring. Not hardy more than one season. Height 1 to 2 feet. Sow any time from June to October, 20 pounds per acre. Lb. 60c.; 10 lbs. \$4.50; pk. \$6.00.

Mammoth Red Clover (*Trifolium pratense perenne*). Domestic origin. This differs from the Medium, being of a ranker growth and yielding more fodder per acre. Sow early in spring or in July and August, using 15 pounds per acre alone, or with other crops, 10 pounds per acre. 10 lbs. \$7.50; pk. \$11.00; bus. \$42.00.

Medium Red Clover (*Trifolium pratense*). We offer adapted seed of domestic origin only. Excellent for hay purposes, usually yielding two crops each year. Sow early in the spring or in late summer—July and August; if alone, 20 pounds per acre; if with other crops, 10 pounds per acre. 10 lbs. \$7.50; pk. \$11.00; bus. \$42.00.

Lespedeza. A substitute for alfalfa on poor land in the South, but has been grown successfully in the latitude of Philadelphia. Sow in spring after frost, 25 to 35 pounds per acre. Weighs 25 pounds per bushel. Lb. 40c.; 10 lbs. \$2.75; bus. \$6.50.

Sweet or Bokhara Clover (*Melilotus alba*). Used either as a feed-crop or as green manure, to plow under. Grows 3 to 5 feet high, thrives on almost any soil. Sow 15 pounds per acre during spring and fall. 10 lbs. \$3.00; pk. \$4.25; bus. \$14.00.

White Dutch Clover (*Trifolium repens*). Choice recleaned seed. Sow 10 to 12 pounds per acre if alone, or 5 pounds if sown on old turf or with other crops. Oz. 15c.; 1/4 lb. 40c.; 1/2 lb. 65c.; lb. \$1.25; 5 lbs. \$5.65; 10 lbs. \$10.70; 25 lbs. \$25.75.

To produce best results all Clover Seeds, Field Peas, and Cowpeas should be inoculated with LEGUME-AID. See page 109.

CANADA FIELD PEAS

These are used for various purposes, chiefly as a very early green feed; when used this way they are sown with oats about April 1, at the rate of 1 1/2 bushels of Peas and 1 1/2 bushels of oats to the acre, either drilled or broadcast. Peas may also be sown alone at the rate of 3 bushels per acre and furnish excellent hay. 60 pounds per bushel. Qt. 40c.

CORN, WHITE KAFFIR
(For Seed)

The grain is used for feeding poultry and the fodder for cattle. Grows 4 to 6 feet high, and produces enormous crops. Can be sown as late as July at the rate of 10 pounds per acre in drills. 56 pounds per bushel. Lb. 35c.

ALL PRICES SUBJECT TO MARKET CHANGES

COWPEAS

These provide the most inexpensive method of bringing soil back to a stage of fertility, as they grow in the poorest kind of soil, leaving it very rich in ammonia. In the latitude of Philadelphia, sow from May 1 to July 1, 2 bushels per acre broadcast, or 1 bushel per acre in drills. For a large crop, sow the seed late. 60 pounds per bushel.

New Era. A small, upright-growing, very prolific variety of early maturity. Qt. 40c.

Whippoorwill. Medium early, upright-growing variety extensively used. Qt. 50c.

FLAX

This is grown for the fibre from which linen thread is made and also for the seed used in the manufacture of linseed oil. If grown for seed, sow 1 bushel to the acre from May 15 to June 15; for fibre sow 1 1/2 to 2 bushels per acre. 56 pounds per bushel. Lb. 40c.

MANGEL-WURZEL

Sow 5 pounds per acre in April and May in thoroughly plowed, well-manured soil, in drills about 2 feet apart. Thin out to 1 foot. **Golden Tankard**. Pkt. 10c.; oz. 25c.; 1/4 lb. 75c.; lb. \$2.20.

Lane's Improved White Sugar. Pkt. 10c.; oz. 25c.; 1/4 lb. 75c.; lb. \$2.20.

Mammoth Long Red. Pkt. 10c.; oz. 25c.; 1/4 lb. 75c.; lb. \$2.20.

See also page 32

MILLET

Can be sown as late as July 15. Desirable for green manuring or green food for stock. If used for hay, cut just as it matures.

Hungarian. The seed produces hay not as fine as Tennessee Golden and fully a foot less in height. It can, however, be sown some two weeks later. Sow 1 bushel per acre. 48 pounds per bushel. Lb. 35c.

Barnyard. Frequently as high as 12 tons of green feed have been obtained from an acre. If sown early in May, it may be cut twice in one season. Sow 12 pounds per acre broadcast, any time from May 1 to June 15. 35 pounds per bushel. Lb. 35c.

Tennessee Golden. Requires a longer season to mature. Produces very fine hay and makes a larger seed-head. Sow 1 bushel broadcast to the acre from April 10 to July 10. 50 pounds per bushel. Lb. 35c.

SEED OATS

They are large, plump, free from weed seeds or other foreign substance, and of high vitality. Sow at the rate of 2 1/2 to 3 bushels per acre alone or 1 1/2 bushels with peas during April for best results. 32 pounds per bushel.

Swedish or Washington. The long, erect straw is noted for its ability to stand up in rough weather. Grains are very plump and nearly pure white. Qt. 40c.

Clinton. One of the most promising of the newer varieties. Highly resistant to rust and smut. Heavy yield per acre. Extra strong straw, early maturing, not apt to sprout in shock; superb yields. For best results do not sow more than two bushels per acre. Qt. 45c.; bus. \$4.00.

Treat your Seed Oats with Ceresan to control Oat smut and increase yield. See page 106.

RAPE

Dwarf Essex. This can be pastured 8 weeks after sowing. Sow 6 pounds per acre broadcast, from April 1 to October 1. It produces enormous crops and is an ideal green manure. 50 pounds per bushel. Lb. 35c.; 10 lbs. \$3.00.

RYE (For Seeding)

Abruzzi. This is a strain of Rye which came originally from Italy. It has the reputation of starting off more vigorously in both fall and spring, and consequently is sometimes recommended where a cover crop or pasture is the primary object. Qt. 50c.

Spring. An excellent early green feed, or for pasture. The grain is used for feeding and other purposes, making a larger yield than Winter Rye. Sow from May 1 to June 1, 1 1/2 bushels to the acre. 56 pounds per bushel. Qt. 35c.; pk. \$1.50; bus. \$4.50.

Rosen Winter. Winter Rye will not mature if sown in spring. Qt. 50c.

SUGAR-CANE · SORGHUM

Early Amber. The seed can be threshed out of the stalks and used as poultry feed. A tremendous producer, often growing 12 feet high. It stands hot, dry weather and can be cut several times in one season. Sow 25 pounds of seed to the acre in drills 3 1/2 feet apart; 1 to 2 bushels broadcast. 50 pounds per bushel. Qt. 35c.; 4 qts. \$1.10.

SUNFLOWER

Mammoth Russian. This makes an excellent poultry feed for winter use. Will yield as high as 60 bushels per acre. Sow 10 quarts per acre, in drills 3 feet apart, dropping the seed about every 4 inches. Lb. 40c.; 3 lbs. \$1.15; 5 lbs. \$1.85; 10 lbs. \$3.50.

SUDAN GRASS

An annual, and must be sown each year. Will yield from 2 to 4 tons per acre. Sow in drills, or broadcast, 16 to 24 pounds per acre. Thrives well in a season of drought. 40 pounds per bushel. Lb. 35c.

TIMOTHY

If sown alone it requires 25 pounds to seed an acre; if sown with wheat, 12 to 15 pounds are the usual quantities. 45 pounds per bushel. Lb. 35c.; 10 lbs. \$2.75; bus. \$10.00.

VETCHES · TARES

Winter (*Vicia villosa*). Sometimes called Sand or Hairy Vetch. Sow broadcast from August 1 to October 1 at the rate of 1 bushel per acre, to which we suggest adding a bushel of winter rye or wheat. In the spring it can be plowed under as green manure, or when in flower cut for hay. 60 pounds per bushel. Lb. 50c.

Spring (*Vicia sativa*). It is not hardy and must be sown in the spring, in May or June, 1 to 2 bushels per acre if broadcast, and 1 bushel if in drills, with either spring wheat, spring rye or oats for support. 60 pounds per bushel. Lb. 40c.; 10 lbs. \$2.00.

BUCKWHEAT

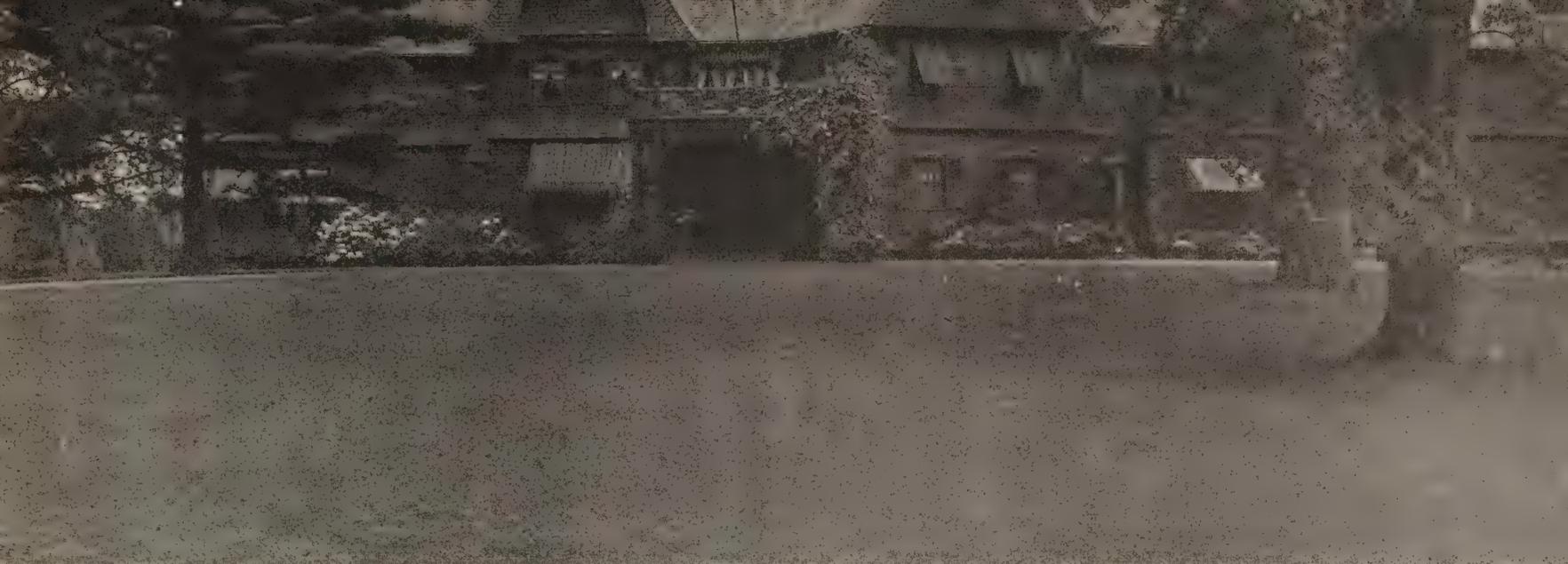
In the locality of Philadelphia this is sown any time from June 1 to July 15, one bushel broadcast to the acre. Makes a very fine quality of flour and is also largely used for poultry-feed. Frequently yields 80 bushels to the acre. 48 pounds per bushel. Qt. 40c.; 4 qts. \$1.00.

SPRING WHEAT

Marquis. A favorite sort in this locality, early, prolific, and vigorous. It often produces 50 bushels per acre. Sow in April or May, 1 1/2 to 2 bushels per acre, broadcast or in drills. 60 pounds per bushel. Qt. 40c.

Two-bushel seamless sacks, used in shipping farm seeds, in one-bushel lots and over, are charged for at 60c. each; returnable at price charged if in good condition and prepaid.

See page 1 for Parcel Post rates



A beautiful lawn is the ideal background for your home and garden. The soft green velvety turf gives an air of peace and tranquility to the landscape

MICHELL'S *Reliable Grass Mixture*

SEEDING at the proper time is half the secret of success in lawn-making. But on *the seed you sow* will depend success or failure. Quality in grass seed is of particular importance. The initial cost of the *best* seed is small compared with the time and labor of weeding and probable replanting which results from cheap, inferior seed. And the satisfaction derived from a really good lawn is immeasurable.

Michell's Lawn Seed has been a leader in high quality for over fifty years. Many of the better lawns in this country are the result of Michell's seed, plus proper care. The answer lies in our insistence on furnishing only that seed which meets our rigid specifications of highest purity and germination and maximum freedom from weeds.

Quantity to sow for Lawns. We recommend sowing: 5 pounds per 1000 square feet; 150 pounds per acre on new ground without grass. In renovating established lawns, use half the above quantities.

MICHELL'S "GREEN VELVET" LAWN SEED

For the Open, Sunny Lawn

This proved formula is the result of many years of experience under practical conditions. It is made up of the strongest, finest and most permanent grass varieties suitable for the lawn. Under proper conditions it will produce a fine, deep-rooted turf, velvety in appearance and sturdy enough to withstand constant use. Lb. \$1.05; 3 lbs. \$3.05; 5 lbs. \$4.95; 10 lbs. \$9.60; 25 lbs. \$23.25; 100 lbs. \$90.00.

MICHELL'S EVERGREEN LAWN SEED

Recommended to fill the requirements of the average lawn, this mixture will produce a very desirable turf of fine-blended, hardy grasses, capable of withstanding considerable wear and periodic dry spells. $\frac{1}{2}$ lb. 45c.; 1 lb. 85c.; 3 lbs. \$2.45; 5 lbs. \$3.95; 10 lbs. \$7.60; 25 lbs. \$18.25; 100 lbs. \$70.00.

MICHELL'S FAIRMOUNT PARK LAWN SEED

A mixture meeting the requirements of those desiring a moderately priced grass seed. Lb. 65c.; 3 lbs. \$1.85; 5 lbs. \$2.95; 10 lbs. \$5.60; 25 lbs. \$13.25; 100 lbs. \$50.00.

MICHELL'S TOP-NOTCH LAWN SEED

A perfectly blended combination of the purest seed most suitable for the establishment of a luxuriant lawn. This formula combines the qualities of quick growth, compactness, and permanence, and is recommended to those who seek the ultimate in a lawn mixture. 3 lbs. \$3.65; 5 lbs. \$5.95; 10 lbs. \$11.60; 25 lbs. \$28.25; 100 lbs. \$110.00.

ALL PRICES SUBJECT TO MARKET CHANGES

Send for our FREE booklet, "Lawn Pointers," for suggestions on the care of your lawn

MICHELL'S "SHADED" LAWN SEED

Overcomes the Shade Problem

Just the seed for those shady places where "grass simply won't grow." We have combined a mixture that actually thrives in heavily shaded locations, under the proper soil conditions. Consult us for methods of correcting drainage problems, acidity, low fertility and other reasons leading to this type of grass failure. Lb. \$1.05; 3 lbs. \$3.05; 5 lbs. \$4.95; 10 lbs. \$9.60; 25 lbs. \$23.25; 100 lbs. \$90.00.

MICHELL'S CLOVER LAWN SEED

The increasing demand for a grass seed mixture containing an unusually large proportion of White Clover induced us to offer this brand, which is particularly suited to take firm hold and grow quickly on hard or worn-out spots which sunburn easily. Excellent for sea-shore lawns. Lb. \$1.30; 3 lbs. \$3.85; 5 lbs. \$6.20; 10 lbs. \$12.10; 25 lbs. \$29.50; 100 lbs. \$115.00.

MICHELL'S WHITE CLOVER SEED

There is no Clover used in the above lawn mixture. For those desiring Clover in their lawns, we recommend Michell's White Clover. Sow separately to obtain even distribution and more satisfactory results. Oz. 15c.; $\frac{1}{4}$ lb. 40c.; $\frac{1}{2}$ lb. 65c.; 1 lb. \$1.25; 5 lbs. \$5.65; 10 lbs. \$10.70; 25 lbs. \$25.75; 100 lbs. \$95.00.

GRASS HAS A TREMENDOUS APPETITE

and only by furnishing the right food at the proper time can the best results be achieved. **Michell's Lawn Dressing** has been developed expressly for this purpose. Applied now at the rate of 25 pounds per 1000 square feet on established lawns, it will immediately strengthen and improve the color of the grass. In making a new lawn, about 40 pounds per 1000 square feet should be worked into the top 3 inches of the soil. 25 lbs. \$2.00; 50 lbs. \$3.50; 100 lbs. \$5.50.

Michell's Reliable Grass Mixtures for All Conditions

for Special Problems

Michell's Terrace Lawn Seed

It is usually difficult to establish turf on sharp slopes or on terraces. This mixture is composed of deep-rooting varieties particularly adapted to such conditions and will give very satisfactory results. Lb. 90c.; 3 lbs. \$2.60; 5 lbs. \$4.20; 10 lbs. \$8.10; 25 lbs. \$19.50; 100 lbs. \$75.00.

If you have had difficulty in establishing turf on steep slopes and terraces, you need EROSIONET. See page 94.

Michell's Seashore Lawn Seed

The application of 3 to 4 inches of top-soil and the subsequent sowing of this special mixture will produce an excellent lawn, wonderfully suited to the conditions of climate and soil along the Atlantic Coast. This formula has been thoroughly tested. Lb. \$1.15; 3 lbs. \$3.35; 5 lbs. \$5.45; 10 lbs. \$10.60; 25 lbs. \$25.75; 100 lbs. \$100.00.

Michell's Special Sod Grass Seed

Developed especially for cemetery work and a popular favorite with many of the large burial parks. 5 lbs. \$4.45; 10 lbs. \$8.60; 25 lbs. \$20.75; 100 lbs. \$80.00.

Michell's Southern Evergreen Lawn Seed

Particularly adapted to the climate and the soil conditions of the South, where the hot, dry seasons make the maintenance of lawns a difficult problem. Lb. 80c.; 3 lbs. \$2.30; 5 lbs. \$3.70; 10 lbs. \$7.10; 25 lbs. \$17.00; 100 lbs. \$65.00.

Michell's Superior Bent Grass Mixture

Composed chiefly of the leading varieties of Bent Grass, but containing a sufficient percentage of other hardier fine-bladed grasses to produce a lawn of putting-green texture but which is not as susceptible to disease and attack by insects as pure Bent. We recommend sowing this seed at the rate of 1 pound to 300 square feet. Lb. \$1.55; 3 lbs. \$4.55; 5 lbs. \$7.45; 10 lbs. \$14.60; 25 lbs. \$35.75; 100 lbs. \$140.00.

The New Jersey Lawn Seed Mixtures

Developed and recommended by the New Jersey Agricultural Experiment Station.

N.J. No. 1. Standard Mixture with Clover. Lb. \$1.20; 10 lbs. \$11.10; 25 lbs. \$27.00; 100 lbs. \$105.00.

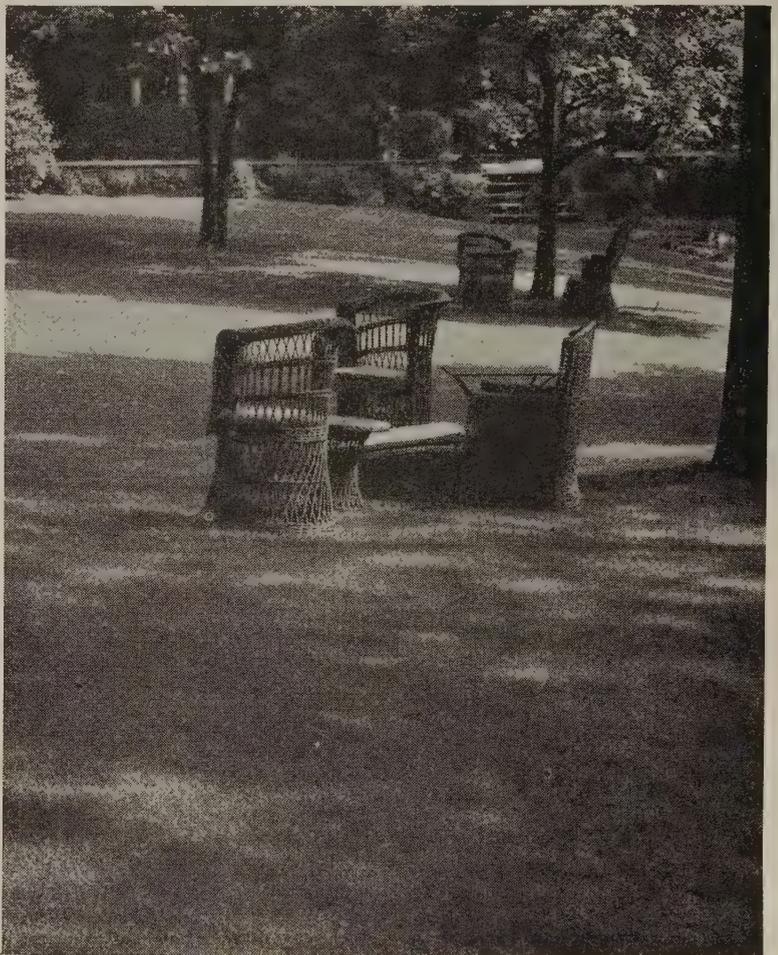
N.J. No. 1A. Standard Mixture without Clover. Lb. \$1.20; 10 lbs. \$10.90; 25 lbs. \$26.50; 100 lbs. \$103.00.

N.J. No. 2. Finest Quality Turf Mixture. Lb. \$1.25; 10 lbs. \$11.80; 25 lbs. \$28.75; 100 lbs. \$112.00.

N.J. No. 3. Shaded Area Mixture. Lb. \$1.75; 10 lbs. \$16.60; 25 lbs. \$40.75; 100 lbs. \$160.00.

N.J. No. 4. For Terrace and Sandy Soil, with Clover. Lb. \$1.10; 10 lbs. \$10.15; 25 lbs. \$24.65; 100 lbs. \$95.50.

N.J. No. 4A. For Terrace and Sandy Soil, without Clover. Lb. \$1.10; 10 lbs. \$10.10; 25 lbs. \$24.50; 100 lbs. \$95.00.



Recreational Lawn

Grass Seed for Recreational Grounds

The Standard Mixtures listed below are carried in stock, and have been developed for the average conditions in each case. We recommend them for best results except where the conditions are unusual.

MICHELL'S PUTTING-GREEN MIXTURE

A well-blended combination containing the very finest assortment of low-growing, hardy grasses, which will withstand closest mowing. Sow at the rate of 1 pound to 100 square feet. Lb. \$1.45; 3 lbs. \$4.35; 5 lbs. \$6.85; 10 lbs. \$13.60; 25 lbs. \$33.25; 100 lbs. \$130.00.

MICHELL'S FAIRWAY MIXTURE

Composed of grasses that are deep-rooted, wear-resistant, and that give a healthy, even turf. Seed liberally for best results, 175 to 200 pounds per acre. 10 lbs. \$9.30; 25 lbs. \$22.45; 100 lbs. \$86.90.

MICHELL'S TENNIS-COURT MIXTURE

Will produce a turf capable of withstanding hard play, frequent rolling, and close mowing. Sow 5 pounds to 1000 square feet. 5 lbs. \$5.60; 10 lbs. \$10.85; 25 lbs. \$26.40; 100 lbs. \$102.50.

MICHELL'S ATHLETIC FIELD MIXTURE

A formula developed especially for football, baseball, hockey, polo and cricket grounds. We have supplied this mixture for many years to universities and athletic clubs and recommend it as the very best for such purposes. 5 lbs. \$3.85; 10 lbs. \$7.35; 25 lbs. \$17.65; 100 lbs. \$67.50.

For a BETTER LAWN use MICHELL'S LAWN DRESSING, the ideal grass fertilizer. See page 108.

ALL PRICES SUBJECT TO MARKET CHANGES



Golf Course

Grasses in Separate Varieties

All Strictly Recleaned and Carefully Tested for Purity and Germination

On account of market fluctuations on many varieties of grass seeds, prices on larger quantities than those named will be quoted on request.



Seashore Lawn Grass

Bent Grass, Certified Seaside (*Agrostis maritima*). Very highest quality; certified and sealed in 100-pound bags by the Oregon Department of Agriculture. The true creeping variety of Bent that makes a perfect putting-green turf. Lb. \$1.50; 10 lbs. \$15.00.

Bent Grass, Astoria. A native Bent, grown in Oregon. Similar in growth to the Colonial type. Lb. \$1.50; 10 lbs. \$13.50.

Bent Grass, Colonial (*A. tenuis*; *A. capillaris*): A very fine-bladed grass, producing a thick turf. Especially valuable for putting-greens and fine lawns. Lb. \$1.50; 10 lbs. \$15.00.

Bermuda Grass (*Cynodon dactylon*). Unhulled. A valuable summer grass for lawns and putting-greens as far north as Washington, D. C., above which latitude it is not satisfactory. Lb. \$1.25; 10 lbs. \$12.00.

Blue Grass, Kentucky (*Poa pratensis*). The most satisfactory permanent lawn and pasture grass for use in the northern states, improving year after year under proper care. Deep green in color, with narrow leaf-blades.

Extra Fancy. Lb. \$1.00; 10 lbs. \$9.00.

Superfine. Lb. \$1.15; 10 lbs. \$10.50.

Blue Grass, Canada (*P. compressa*). Somewhat similar to Kentucky Blue but lighter in color and will thrive on poorer soils and in warmer climates. Highly relished by cattle. Lb. 90c.; 10 lbs. \$8.50.

Fescue, Alta. An improved strain of tall Fescue, related to Meadow Fescue but a better forage producer. It is excellent in pasture and is noted for high yields of forage. Will tolerate poorly drained conditions and improve the soil. The plant is a deep-rooted, tufted perennial grass, with dark green basal leaves and few seed stalks. It has a long growing season and is one of the few grasses remaining green throughout the season. Alta Fescue is also finding a place as a turf plant on airfields and roadsides. Lb. \$1.15; 10 lbs. \$10.50.

Fescue's Chewing's (*Festuca rubra-fallax*). Produces a compact, fine-bladed turf especially resistant to wear, tolerant of shade and adverse soil conditions. Excellent for the lawn or putting-green. Lb. 90c.; 10 lbs. \$8.50.

Fescue, Genuine Red Creeping (*F. rubra*). Excellent for putting-greens; also for sowing on sandy soil and in shaded places. Lb. 90c.; 10 lbs. \$8.50.

Fescue, Meadow (*F. pratensis*). A hardy, broad-leaved grass of quick growth, valuable for pasture in lowlands. Lb. 55c.; 10 lbs. \$5.00.

Fescue, Kentucky 31. A new strain of Fescue developed recently. Very deep rooting, able to crowd out the most persistent weeds. Lb. \$2.00; 10 lbs. \$19.00.

Orchard Grass (*Dactylis glomerata*). For early pasturing this is very desirable; also fine for sowing in shaded places. Lb. 60c.; 10 lbs. \$5.50.

Red-Top (*Agrostis alba*). One of the best grasses for immediate effect and as a nurse in lawn mixtures. Fine-bladed if mowed regularly. Adaptable to adverse soil conditions.

Extra Fancy. Lb. \$1.00; 10 lbs. \$9.00.

Superfine. Lb. \$1.15; 10 lbs. \$10.50.

Rye Grass, Domestic. A quick-growing annual grass, useful where immediate effect is desired. Lb. 40c.; 10 lbs. \$3.50.

Rye Grass, Perennial (*Lolium perenne*). Imported. A deep-rooted, quick-growing grass, valuable as a nurse in mixtures and excellent for pastures and hayfields. Lb. 45c.; 10 lbs. \$4.00.

Rye Grass, Italian (*L. italicum*). Very desirable for pasture. Comes to maturity the first season. The ideal seed for southern lawns in winter. Lb. 40c.; 10 lbs. \$3.50.

Timothy (*Pbleum pratense*). A grass of high value for hay and pastures. Lb. 35c.; 10 lbs. \$2.75.

WHITE DUTCH LAWN CLOVER

Excellent for sowing with grass on lawns and other places where a thick, quick growth is desired. Especially adapted for seashore lawns. Oz. 15c.; 1/4 lb. 40c.; 1/2 lb. 65c.; lb. \$1.25; 5 lbs. \$5.65; 10 lbs. \$10.70; 25 lbs. \$25.75; 100 lbs. \$95.00.

Grass Seed for the Farm

Michell's Permanent Hayfield Grass Seed

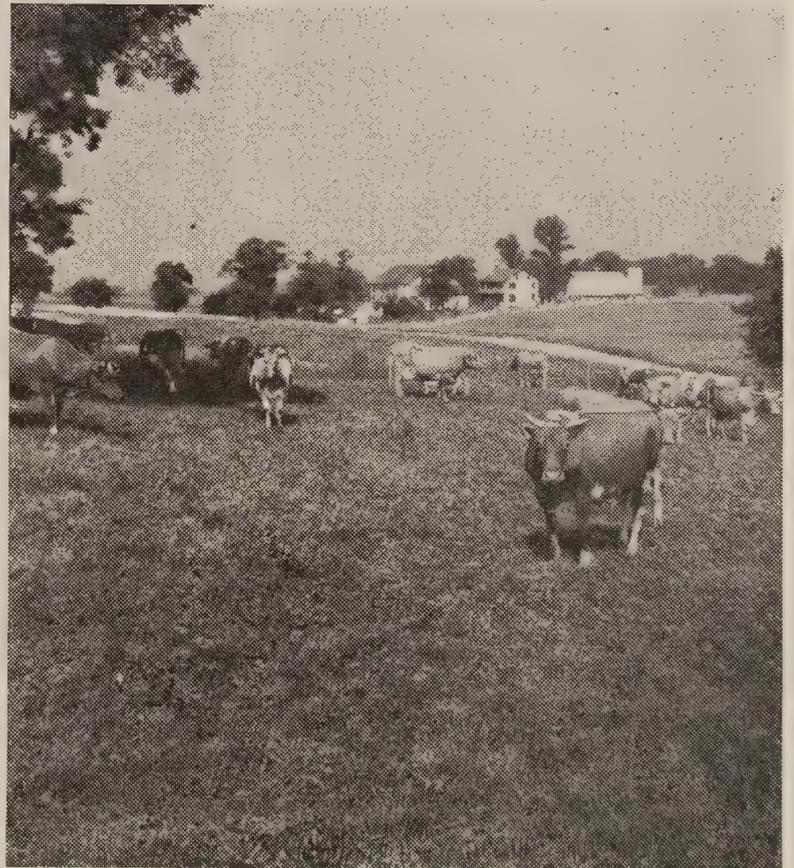
We offer a well-balanced combination of grasses which will yield considerably more and better hay per acre than timothy and clover only. Sow 4 to 5 bushels per acre on new land, or 2 bushels on established fields. 5 lbs. \$2.70; 10 lbs. \$5.15; 25 lbs. \$12.15; 100 lbs. \$45.50.

Michell's Permanent Pasture Grass Seed

The grasses used in this mixture are the most nutritious for grazing and feeding purposes and will thrive under various conditions of soil and climate, assuring a rich turf throughout the entire season, year after year. Sow 4 to 5 bushels per acre on new land, or 2 bushels on established pastures. 5 lbs. \$2.70; 10 lbs. \$5.10; 25 lbs. \$12.00; 100 lbs. \$45.00.

WILD WHITE CLOVER

A remarkable new Clover in this country for improving pastures. See complete description and prices on page 45.



Permanent Pasture

ALL PRICES SUBJECT TO MARKET CHANGES

Michell's Hardy Garden Lilies

A garden is not complete without a planting of Hardy Lilies. They do exceedingly well in the herbaceous border. The varieties listed can be planted in the early spring months, and it is recommended that they be planted among hardy perennials, as the shade from the surrounding plants is necessary for their welfare.

CULTURAL DIRECTIONS. All Hardy Lilies should be planted from 6 to 10 inches deep. The bulbs should be completely enveloped in sand and no manure should come in contact with them, but may be placed 4 to 6 inches underneath. All loose-petaled bulbs should be planted on their sides instead of upright. Cover with leaves or litter during winter.

Regal Lily • *Lilium regale*

One of the finest garden Lilies introduced. On sturdy stems, 3 to 5 feet high, are produced an abundance of large, beautiful flowers, the centers of which are flushed bright golden yellow, shading off to creamy white at outer edges. Externally the flowers are streaked with brown, shaded a delightful pearly tint. Should be planted in fall or early spring, 8 to 9 inches deep. Commences flowering in July. This variety has also been used for forcing with very good results.

Large Selected. Each 30c.; doz. \$3.50; 100, \$25.00.

Mammoth. Each 50c.; doz. \$5.00; 100, \$40.00.

Top Size. Each 60c.; doz. \$6.00; 100, \$45.00.

Jumbo. Each 75c.; doz. \$8.00; 100, \$60.00.

Miscellaneous Lilies

Canadense. Canadian Bellflower Lily. Bright yellow flowers, spotted black inside. 3 to 5 ft. June, July. Each 35c.; doz. \$3.50; 100, \$25.00.

★**Elegans, Mixed.** Shades of orange. 2 ft. June, July. Each 35c.; doz. \$3.50; 100, \$25.00.

Henryi. Yellow Speciosum Lily. Distinct orange-yellow flowers in great profusion. Tall grower, often 7 feet. July, August.

| | | | |
|--------------------|--------|--------|---------|
| | Each | Doz. | 100 |
| Mammoth bulbs... | \$0 50 | \$5 50 | \$40 00 |
| Top-size bulbs.... | 75 | 8 00 | 55 00 |

Pardalinum. Sunset Lily. A California variety bearing 12 to 20 strongly recurved flowers of bright orange, spotted dark crimson. Moisture-loving, and does exceptionally well where lime is not prevalent. Base-rooting; plant 5 inches deep. Each 40c.; doz. \$4.50; 100, \$32.50.

The varieties marked ★ are excellent for the rockery.

Speciosum Rubrum or Roseum. Delicate pink, almost white, spotted red. One of the old garden favorites. Height 4 to 5 feet. September.

| | | |
|---------------------|--------|---------|
| | Each | Doz. |
| Mammoth bulbs..... | \$1 00 | \$10 00 |
| Top-size bulbs..... | 1 15 | 13 00 |
| Jumbo bulbs..... | 1 50 | 17 00 |

Philippinense. This wonderful Lily produces large pure white blooms tinted with rose on the outside. In size and form it resembles the Easter Lily, with a similar delightful fragrance. It is a profuse bloomer and invaluable as a cut-flower. Each 35c.; doz. \$4.00; 100, \$30.00.

Superbum. Turk's-Cap Lily. Grows from 4 to 5 feet high and produces from 15 to 25 orange-red flowers on a stalk. August. Each 40c.; doz. \$4.50; 100, \$32.50.

★**Tenuifolium.** Coral Lily. A very graceful, dwarf Lily with thread-like leaves and clusters of tiny, bell-like, recurved flowers of brilliant coral-red. 1½ ft. June. Each 25c.; doz. \$2.75; 100, \$20.00.



Lily-of-the-Valley

LILIUM WILLMOTTIÆ. A vivid orange-red with recurved petals and many small brown spots. Height 4 to 5 feet. July, August. Each 40c.; doz. \$4.00; 100, \$30.00.

Lily-of-the-Valley Pips

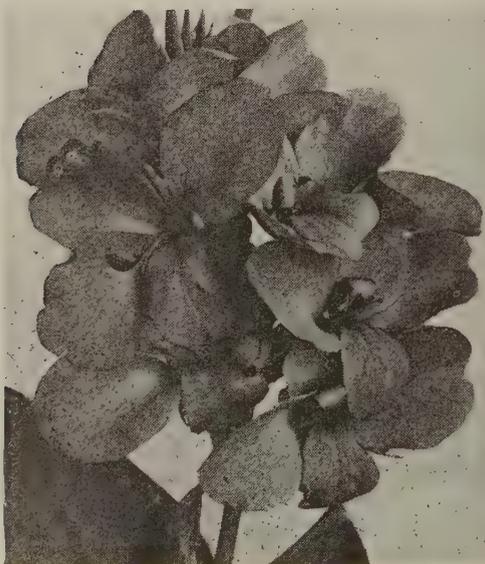
Bundles. For outdoor planting only. Bundles contain 25 good-sized pips, with good root-growth, all of which will flower with the proper care. The best of the stock is being selected for us. We can make shipment of these up to April 1. Bundles of 25 pips \$1.00; doz. bundles \$10.00.

ALL PRICES SUBJECT TO MARKET CHANGES



Lilium speciosum rubrum

Large-Flowering Cannas



Cannas

Ambassador. Brilliant cherry-red flowers. Bronze foliage. 3½ ft. Roots, 3, 40c.; doz. \$1.50; 100, \$10.00.

Hungaria. Plant dwarf and compact. Flowers rich peach-blossom-pink. Foliage green and very massive. 3½ ft. Roots, 3, 40c.; doz. \$1.50; 100, \$10.00.

King Humbert. Its majestic growth is enhanced by its massive trusses of coppery scarlet flowers. Foliage is deep bronze. 4½ ft. Roots, 3, 50c.; doz. \$1.75; 100, \$11.00.

Prices of Canna Plants. If plants are wanted, they are ready about May 10, and will be supplied at the following prices: Doz. \$6.00; 100, \$45.00. Please specify if Roots or Plants are wanted.

Louis Cayeux. A glowing pink. Foliage green. 3½ ft. Roots, 3, 40c.; doz. \$1.50; 100, \$10.00.

Richard Wallace. Large, showy, pure canary-yellow flowers. Green foliage. 4½ ft. Roots, 3, 40c.; doz. \$1.50; 100, \$10.00.

The President. Rich glowing scarlet. Green foliage. 4 ft. Roots, 3, 50c.; doz. \$1.75; 100, \$11.00.

Yellow King Humbert (Queen Helen). Masses of golden yellow flowers, dotted red; occasionally some will be streaked red. Green foliage. 4½ ft. Roots, 3, 40c.; doz. \$1.50; 100, \$10.00.

Mixed Cannas. All colors. Roots, 3, 40c.; doz. \$1.50; 100, \$10.00.

Canna roots are carefully selected and true to name

Michell's Gorgeous Gladiolus

There is no other summer-flowering bulb that is enjoying so great popularity as the Gladiolus. Their adaptability to garden decoration or to use as cut-flowers during the summer and early autumn is surpassed by no other flower. They are not only showy in the garden, but when cut with the first flower open will last for ten days in the house. While they thrive in almost any good garden soil, better results may be had if soil is well prepared and enriched with some of our pulverized manures. Plant bulbs 4 inches deep and from 4 to 6 inches apart.

For 1949 Gladiolus Collection

| | Doz. | 100 |
|---|--------|--------|
| Picardy. Flesh-pink..... | \$1 00 | \$7 00 |
| Lavender Ruffles. Pink- ish lavender..... | 1 00 | 7 00 |
| Beacon. Salmon-red..... | 1 00 | 7 00 |
| Gate of Heaven. Yellow.. | 1 00 | 7 00 |
| Debonair. Pink..... | 1 00 | 7 00 |
| Special Collection of above varieties | | |
| 5 each 5 varieties (25 bulbs)..... | \$2 00 | |
| 10 each 5 varieties (50 bulbs)..... | 3 50 | |
| 20 each 5 varieties (100 bulbs).... | 6 75 | |

Pink Shades

- Bagdad.** Delicate smoky old-rose, deepening toward edges of petals, with lighter throat; large flowers. Doz. 75c.; 100, \$6.00.
- Break of Day.** La-France-pink penciled on scarlet. Doz. 75c.; 100, \$6.00.
- Debonair.** La-France-pink, shading to shrimp-pink toward the center, with creamy throat. Doz. \$1.00; 100, \$7.00.
- Early Dawn.** Beautiful salmon-pink. Doz. \$1.00; 100, \$7.00.
- Lulu Hunt.** Rich geranium-pink. Early. Doz. 75c.; 100, \$6.00.
- Margaret Fulton.** Pretty soft medium dark salmon. Good pink for early midseason. Doz. 85c.; 100, \$6.50.
- Phyllis McQuiston.** A very large, light pink floret suffused with cream-yellow. Strong grower; very desirable. Doz. 85c.; 100, \$6.50.
- Picardy.** It makes tall growth and bears unusual spikes of beautiful flesh-pink florets, shading to soft shrimp-pink toward the edges of the petals. Doz. \$1.00; 100, \$7.00.
- Rosa van Lima.** A pure clear pink with no shade of salmon as most pink Glads have. Doz. \$1.00; 100, \$7.00.

Yellow Shades

- Gate of Heaven.** Pure deep yellow; flowers large, heavily ruffled. Doz. \$1.00; 100, \$7.00.
- Golden Eagle.** Intense daffodil-yellow flowers with delicate pink markings on the lower petals. Doz. 75c.; 100, \$5.50.
- Paradise.** Large; tall growing; apricot; slightly ruffled, with many flowers on spike. Doz. 85c.; 100, \$6.50.
- Primrose Princess.** Large; light yellow, carmine markings. Doz. 85c.; 100, \$6.50.
- Shirley Temple.** Light cream, with a rich creamy yellow throat; large, ruffled, 6-inch florets with as many as 8 to 10 open at one time. Doz. \$1.00; 100, \$7.00.

Red and Scarlet Shades

- Beacon.** Salmon-red with large cream blotches; flowers large and slightly ruffled. Long, strong stems. Doz. \$1.00; 100, \$7.00.
- Dr. F. E. Bennett.** Peach-red, overlaid flame color, throat finely stippled ruby and white. Doz. \$1.00; 100, \$7.00.
- Dream of Beauty.** A rosy purplish red (deep wine color) of great beauty. Doz. \$1.25; 100, \$8.00.
- Excellence.** Bright scarlet. Early to bloom; good for cutting. Doz. \$1.00; 100, \$7.00.
- Flaming Sword.** Very early. Bright scarlet-red. Doz. 75c.; 100, \$6.00.
- Red Phipps.** A shade of light red. Growth is medium tall and produces long spikes of large florets. Doz. \$1.00; 100, \$7.00.

Outstanding Varieties of Recent Introduction

- Blue Beauty.** This Gladiolus is well named, for it surely is a "blue beauty." The deep blue shade becomes a bit lighter at the edges of the petals. It is a tall, strong grower and produces long spikes that will open eight florets at once. Doz. \$1.50; 100, \$10.00.
- Corona.** This variety is creamy white with rosy lavender edge around petals. Very striking, as petals are of the round type which attract much attention. Doz. \$1.50; 100, \$10.00.
- King Lear.** Blooms of clear deep reddish purple with a silvery line at the edges, carried on tall spikes. Florets are very large and heavily ruffled. Doz. \$1.25; 100, \$9.00.
- Miss Bloomington.** An excellent yellow becoming more and more popular. Early medium yellow shading slightly deeper at throat without any markings. Doz. \$1.00; 100, \$7.00.
- New Europe.** Large, sparkling orange-scarlet. Doz. \$1.50; 100, \$10.00.
- Purple Supreme.** Tall, bright purple. An ideal variety. Doz. \$1.25; 100, \$9.00.
- Rewi Fallu.** Giant, dark blood-red. Becoming a general favorite. Doz. \$1.25; 100, \$9.00.
- Rocket.** Bright scarlet of a pleasing shade, and one of the very best varieties this season. A tall grower with seven or more perfect blooms at a time. Doz. \$1.25; 100, \$9.00.
- Silantium.** White blending to cream, with carmine markings in throat. Early flowering, with tall spikes that have many open florets at one time. Doz. \$1.25; 100, \$9.00.
- Stoplight.** New brilliant red, slightly ruffled. Doz. \$1.50; 100, \$10.00.
- Wanda.** Sport of Picardy and one of the best creamy whites on the market. Large flowers on tall spikes. Doz. \$1.25; 100, \$9.00.

White Shades

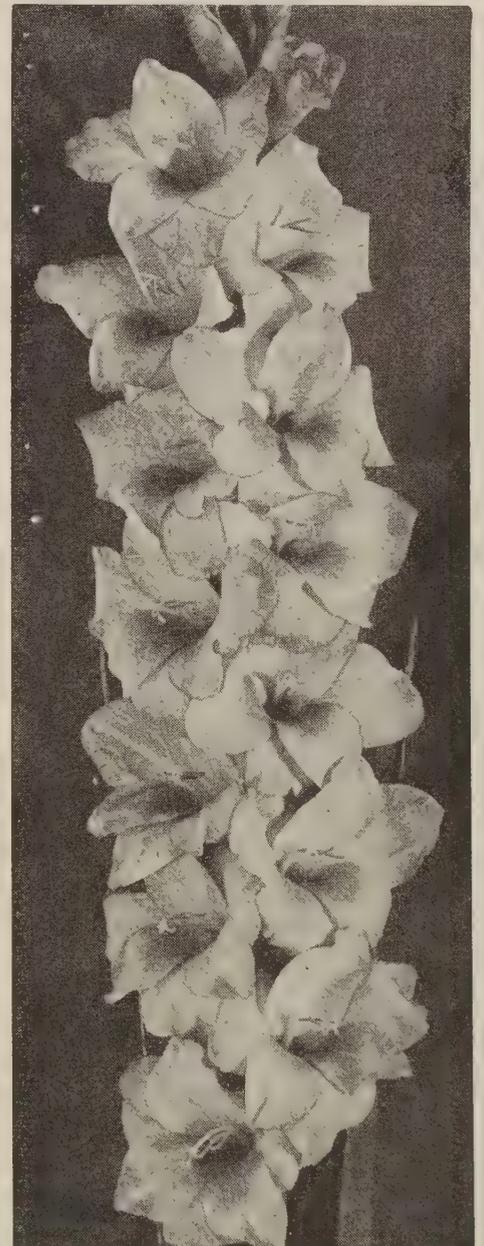
- Maid of Orleans.** Best described as creamy white. Doz. \$1.00; 100, \$7.00.
- Margaret Beaton.** Clear white with orange-red blotch. An outstanding variety. Doz. \$1.25; 100, \$8.50.
- Snow Princess.** Pure white, similar to Maid of Orleans and much in demand. Doz. \$1.25; 100, \$9.00.
- Vredenburg.** An early pure white of heavy substance. Doz. \$1.50; 100, \$10.00.

Blue, Lilac, and Purple Shades

- Ave Maria.** Glowing lilac-blue, each flower marked with a small purple blotch. Doz. \$1.25; 100, \$9.00.
- Berty Snow.** Large pinkish lavender flowers. Doz. \$1.00; 100, \$7.00.
- Early Melody.** Light lavender. Doz. \$1.00; 100, \$7.00.
- King Arthur.** Immense; heavily ruffled; lavender or mauve. A unique shade that is attractive and original. Doz. \$1.25; 100, \$8.50.
- Lavender Ruffles.** Slightly ruffled pinkish lavender with a white throat. Doz. \$1.00; 100, \$7.00.
- Minuet.** Light lavender with 4 to 6 large, heavy blooms open at one time. Doz. \$1.75; 100, \$12.00.
- Pelegrina.** It has a most unusual flower and especially good all-round habits for a blue. Doz. \$1.25; 100, \$9.00.
- Pride of Wanaka.** Large; deep lavender-rose with deeper blotch in throat. Doz. \$1.00; 100, \$7.00.

Mixture of Gladiolus

- Michell's Giant Exhibition.** Every bulb for this mixture has been selected with the utmost care for coloring and size of flowers.
- First-size bulbs, doz. 85c.; 100, \$6.50; 1000, \$60.00.
- Second-size bulbs, doz. 60c.; 100, \$4.50; 1000, \$40.00.



Gladiolus

ALL PRICES SUBJECT TO MARKET CHANGES



Michell's Meritorious Dahlias

TIME OF SHIPMENT. Unless specially requested, tubers will be shipped March 15 to June 1; plants, May 15 to June 15.

CULTURE. Dahlias are at their best during the latter part of September or early in October. To get exhibition blooms, disbud plants up to August 1. Spade or plow the soil 1 to 1½ feet deep; fertilize with manure or Hyper-Humus; scatter about ¼ pound of bonemeal around each hill when planting. If soil is very heavy, incorporate a liberal quantity of granulated peat moss. About August 1, apply about ½ pound bonemeal to each plant and work in thoroughly; sheep manure or potato fertilizer can be substituted for bonemeal at this time to good advantage.

How to Keep Dahlia Tubers After They Are Shipped to You If Too Early to Plant

Open package and allow tubers to remain in packing material. Do not expose to air or moisture too much; keep in a cool place, but not where they will freeze.

New and Recent Introductions

ID., Informal Decorative; FD., Formal Decorative; MID., Miniature Informal Decorative; SC., Semi-Cactus; C., Cactus; IC., Incurved Cactus; Col., Collarette.

Garden State FD.

OUR RECENT INTRODUCTION

This grand new flower has everything desired in a Dahlia. The color is amaranth-pink, according to "Ridgway's Color Standards." The blooms average 7 to 8 inches across and are held facing on long stiff stems. The bush is open in growth with healthy, medium dark foliage. Height 4 feet. A limited number of roots available at \$1.50 each.

Aglow. ID. Amber-yellow heavily suffused scarlet on the center of each petal, enhanced by a golden sheen over all. A popular autumn shade. Roots, \$3.00. Plants, \$1.50.

Clariam Kelton. ID. Flame-red blended with yellow and with yellow reverse. Blooms are large and very showy in the garden. Plants are tall, open growers and hold the blooms on long, strong stems. Roots, \$1.50.

Faithful. SC. Bush growth is sturdy, with well-proportioned stems and glossy green foliage. Pure white blooms which are always full-centered. Roots, \$2.00. Plants, \$1.00.

Flying Fortress. ID. Soft scarlet with a lighter reverse. Artistic in form and brilliant in color. A profuse bloomer and a rugged healthy grower. Roots, \$1.00.

Greater Glory. C. Deep rose-pink tinting lighter at center. Flowers have excellent formation and are held on good stems. A tall, vigorous bush. Roots, \$2.00.

Jubilant. MID. Color is cherry-red, inclined orange, with a lighter reverse. There is just no end of blooms, which hold perfect centers. Makes a gay, bright spot in any garden. Roots, \$1.00.

King David. (Corbett-Dahlidel.) FD. A stunning 9 by 5-inch Formal of regal color. Rich deep purple, inclined to violet-purple, which does not fade. Grows about 4½ feet with plenty of stem for cutting. Roots, \$1.50.

King Peter. FD. A large white tipped lavender-pink. Very striking. Roots, \$1.00.

Kirsten Flagstad. ID. The color is rich gold suffused lightly with apricot. Blooms very early and continuously throughout the season. Plants are tall, with flowers held above the heavy foliage. Roots, \$2.00.

Mary Noble. FD. Beautiful phlox-pink to bright mauve. Blooms have size, depth and good quality. An outstanding champion from Australia. Plants are tall and vigorous. Roots, \$2.00.

Mme. Chiang Kai-shek. ID. Deep lemon-yellow, with a soft peach and mauve suffusion on the reverse and tips of petals. Unusually wavy petals; plant strong and robust. Roots, \$1.50. Plants, 75c.

Mrs. Hester A. Pape. ID. A reddish purple anyone can grow and grow well. Bushes medium tall, with vigorous growth and fine foliage. A good bloomer over a long season. Roots, \$3.00.

Rhythm. (Dozier-Dahlidel.) IC. This 8-inch Incurved Cactus is an exquisite beauty with its attractive double serrated tips. Cameo or shrimp-pink color with suffusions of soft rose and lemon shadings at the base of the petals and center of the flower. Roots, \$2.00. Plants, \$1.00.

Sherwood's Peach. ID. Orange-apricot. Cane-like stems with insect-resistant foliage. Roots, \$1.50. Plants, 75c.

Southern Thorobred. SC. Very large, mauve-lavender flower that has been grown to 13 inches across. The flowers are shaggy and are held facing on long stems. Bushes grow tall. Roots, \$2.00.

MICHELL'S MERITORIOUS DAHLIAS, continued

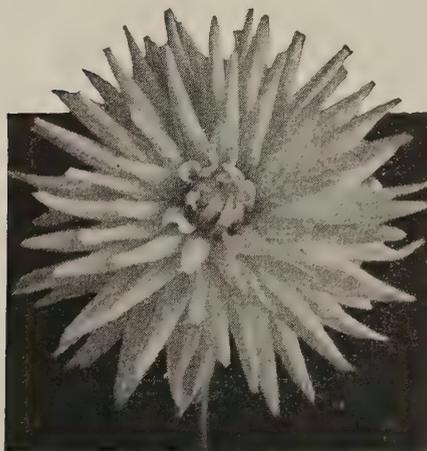
New and Recent Dahlia Introductions, continued

- Temptation.** Single. Scarlet-red, almost identical to a poinsettia in color and form. Stands plenty of sunshine without burning or fading. Roots, \$1.00.
- The Dragon.** ID. Petals are apricot in the center, edged lengthwise on both sides with rose-pink. A rugged, insect-resistant plant which can be grown by anybody. Roots, \$2.00. Plants, \$1.50.
- Wings.** SC. Large; dark amaranth-red. A vigorous grower with dark foliage and long, erect stems. Highly recommended. Roots, \$2.00.
- Winter Carnival.** SC. Crystal-white. Stems are strong. Very popular, as it is easy to grow. Roots, \$1.50.

Decorative Types

D., Decorative; ID., Informal Decorative; FD., Formal Decorative.

- A. G. Goodacre.** FD. Best formal yellow and white bicolor that we have found. Strong, rugged and profuse. Roots, \$1.00.
- Alice May.** ID. Pure white with slight yellow cast at base of petals. An all-round Dahlia. Roots, \$1.00.
- Blue Jersey.** FD. A lavender-pink sport of Jersey's Beauty with all its growing qualities. Roots, 50c.
- California Idol.** ID. A clear, bright self-colored yellow that ranks in size with the largest. It may be grown to measure 14 inches or more across. Roots, 75c.
- Carl G. Dahl.** ID. Apricot-buff shaded old-rose on reverse of petals. Loose petalage with enormous blooms. Roots, \$1.00.
- Cherokee Brave.** ID. Oxblood-red that holds its color in the sun. Blooms of great depth and measure 10 to 13 inches across. Roots, \$1.00.
- Dahlia m.** ID. A very large flower of a yellow-buff and amber combination suffused gold. Petals are twisted. Roots, \$1.00.
- Darcy Sainsbury.** FD. Very large, creamy white flowers of perfect form. Keeps well. Roots, \$1.00.
- De Molay.** (Dahliadel.) FD. A velvety crimson-red Formal Decorative with blooms 9 by 5 inches. A strong, rugged grower that does well in ordinary culture. Roots, 75c.
- Gallant Fox.** FD. An outstanding luminous dark red. Sturdy stem, fine color and good keeping qualities. Roots, 50c.



Cactus Dahlias

Decorative Types, continued

- Glamour.** ID. An unusual color combination of purple veined violet-rose. Tall, heavy grower; stiff stems. Roots, \$1.00.
- Golden Eclipse.** FD. Clear golden yellow with salmon and flesh shadings at center. Roots, 50c.
- Golden Prince.** ID. Rich blended peach, giving a bronzy effect. Most early and profuse bloomer. Roots, 75c.
- Improved Francis Laroocca.** FD. Pale sulphur-yellow, very satisfactory as a cut-flower. Blooms profusely on good stems. Vigorous grower. Roots, 50c.
- Jane Cowl.** ID. Massive blooms of bronzy buff and old-gold, blending darker. Roots, 50c.
- Jean Kerr.** FD. A fine white Dahlia of medium size. Roots, 35c.
- Jersey's Beauty.** FD. Blooms high above the foliage on strong stems; flowers are immense, glowing pink. Roots, 50c.
- Jersey Red Beauty.** FD. Rich deep red. Perfect form, good cut-flower. Roots, 50c.
- Jersey White Beauty.** FD. Pure white. Exceptional keeping qualities. Roots, 50c.
- Josephine G.** ID. A pleasing true pink of a bright shade, slightly veined and tipped yellow. Sturdy bush, with flowers held well above the dense foliage. Roots, 50c.
- Kentucky.** ID. Pure salmon-pink, similar in habit and form to Jersey's Beauty. Roots, 50c.
- Kentucky Sportsman.** ID. Lemon-yellow center; outer petals golden amber with old-rose reverse, tipped pure white. Roots, 75c.
- Kentucky Sun.** FD. Clear light lemon-yellow. Large uniform blooms on strong stems. Glossy green foliage. Roots, 35c.
- Milton J. Cross.** ID. Beautiful apricot-peach, with bright golden face. Flowers of enormous size, measuring 12 inches across and 8 inches in depth, are held well above the foliage on long, straight, stiff stems. Roots, 75c.
- Mrs. George LeBoutellier.** ID. An exhibition variety of extra-large size and good form. Carmine-red. Roots, 50c.
- Mrs. I. de Ver Warner.** FD. A deep mauve-pink, immense flower of perfect form. Very popular. Roots, 35c.
- Mrs. James Albin.** FD. New deep yellow. Blooms are well formed and have excellent keeping qualities. Blooms freely. Roots, 50c.
- Mrs. Wm. Knudsen.** FD. A massive pure waxy white. Vigorous grower but should be planted early. Roots, 75c.
- Murphy's Masterpiece.** ID. A deep dark red shading crimson; very large blooms. Roots, \$1.00.
- Pink Josephine.** ID. Beautiful lavender-pink. Produces large blooms on long stems. Early and prolific. Roots, \$1.00.
- Pink Profusion.** (Cordes-Dahliadel.) FD. This Formal of intense salmon-pink, edged deep rose-pink, develops a cream center as it fully opens. Perfect centers, sturdy growth, and glossy dark foliage. Roots, \$1.00.
- Producer.** ID. Flowers are orange-yellow suffused red. Plants are 4½ feet high. Roots, \$1.00.
- Silver Lady.** ID. Ivory-white delicately flushed and edged violet-rose. Rugged bush; vigorous foliage. Roots, \$1.00.
- Sunrays.** ID. Color, clear buff with apricot suffusion, with a distinct peach-red on reverse of petals. Roots, \$1.00.

Decorative Types, continued

- Teeraween's Best.** FD. Beautiful lavender flowers on good stems. Hardy bush about 5 feet tall. Roots, \$1.00.
- Victory.** FD. Two-toned pink with no hint of lavender. Faintly overlaid with chrome-yellow. Very pleasing. Roots, \$1.00.
- Virginia Rute.** SC. Rich oxblood-red shaded garnet. High full centers; long strong stems. One of the best. Roots, \$1.00.
- Volcano.** FD. An orange-flame-red which holds its color in the sun. Foliage is heavy and leathery. Keeps well. Roots, \$1.00.
- Whirlaway.** (Pittman-Dahliadel.) ID. Clear shade of soft lemon-yellow inclined to sulphur-yellow with rich green, glossy, holly-like foliage. Roots, \$1.00.
- White King.** FD. A good standard white. Very popular. Roots, 50c.
- White Wonder.** ID. Giant blooms of pure white with long, pointed, twisted petals. Strong stems. Roots, 50c.

Beauty Collection

| | Roots |
|---|--------|
| Blue River. Lavender..... | \$1 00 |
| Cherokee Brave. Oxblood-red..... | 1 00 |
| Michigan White. White..... | 1 00 |
| Pink Giant. Tyrian-pink..... | 75 |
| Volcano. Orange-flame-red..... | 1 00 |
| Value..... | \$4 75 |

SPECIAL COLLECTION: One root each \$3.50 of the above five varieties for

Garden Collection

| | Roots |
|---|--------|
| Gallant Fox. Dark red..... | \$0 50 |
| Jane Cowl. Bronzy buff..... | 50 |
| Jersey's Beauty. Glowing pink... | 50 |
| Mrs. James Albin. Deep yellow... | 50 |
| White King. Pure white..... | 50 |
| Value..... | \$2 50 |

SPECIAL COLLECTION: One root each \$2.00 of the above five varieties for

Cactus Types

- C., Cactus; SC., Semi-Cactus; IC., In-curved Cactus.
- Amelia Earhart.** SC. Apricot-buff, with salmon tints, shading to soft yellow at base of petals. Roots, \$1.50.
- Bataan.** SC. Blooms are beautiful scarlet, tipped gold and held on good straight stems. Very attractive and fine for cutting. Roots, \$1.00.
- Cometeer.** C. Rich golden yellow. A fine cut-flower; excellent keeper. Roots, 50c.
- Confucius.** SC. Coral-red blooms of large size. Very early and a free bloomer. Bushes are medium in height; stems are long and slender, holding the flowers at a nice angle. Roots, \$1.00.
- Ella May.** C. Rhodamine-purple. Stem excellent and centers full. Roots, 75c.
- Flash.** SC. Petals are crimson with white tips; double serrations pointing in opposite directions. Roots, \$1.00.
- Jean Trimbee.** SC. The best garden purple, a bright petunia shade. Very early. Plants tall and stems long. Roots, \$1.00.
- Jersey's Dainty.** C. A truly dainty white variety faintly tinged lavender, almost pure white late in the season. Blooms 7 inches across and 3 inches deep. Roots, 50c.
- Lady in Red.** SC. A bright velvety red. Fine form. Dark green foliage. Roots, \$1.00.
- Maffie.** (Exnar-Johnson.) SC. Bush 6 feet. Blooms 13 by 8 inches. Lively carmine. Roots, 75c.
- May Robson.** SC. An attractive soft rose-pink. Erect stems with blooms well above foliage. Roots, \$1.00.

MICHELL'S MERITORIOUS DAHLIAS, continued

Cactus Dahlias, continued

- Marietta.** IC. Profuse bloomer with perfect stems and a good grower. A clear and even canary-yellow that does not burn or fade. Roots, \$1.00.
- Michigan White.** SC. One of the very best of the white cut-flower Dahlias. A prolific bloomer with good substance. Flowers are of medium size. Roots, \$1.00.
- Miss Elsie Jane.** SC. Most artistically formed blooms of shrimp-pink, with cream shadings at center, tipped violet-rose. Roots, 50c.
- Son of Satan.** SC. This is an improvement over Satan as it is a bright scarlet and has stronger stems. 11 by 5 inches. Bush 5 feet. Roots, \$1.00.
- Student Prince.** SC. A deep buttercup-yellow. Very popular. Large blooms on strong stems excellent for cutting. Roots, \$1.00.
- Yellow Glory.** SC. A very large lemon-yellow with curled and twisted petals. Plant growth is good, with strong stems and dark foliage. Roots, \$1.00.

Miscellaneous Varieties

Open-centered flowers with only one row of ray florets, regardless of form or number of florets.

- Dahliadel Twinkle.** (Orchid.) Blooms perfect in form and of a beautiful combination of white, suffused violet-rose, with distinct Tyrian rose mottlings on the reverse of the petals. Bush rather dwarf. Roots, 50c.
- Charlotte Caldwell.** (Ball.) Bright apricot suffused coral. Uniform blooms on strong stems. Roots, 50c.
- Marshall's Gloria.** (Single.) Striking bicolor of cardinal-red with white stripe in center of each petal. Roots, 50c.
- Pequot Yellow.** (Single.) A very large clear yellow, of good habit and growth. Roots, 50c.
- Saturn.** (Dahliadel.) Col. Pleasing clear yellow Collarette with a real yellow collar. Strong, erect stems—perfect form. Roots, 75c.
- Scarlet Century.** Bright, glowing scarlet on erect stems. Good grower with profuse, well-formed blooms. Roots, 35c.
- Sparkle.** Col. Pure white that truly sparkles. Blooms throughout season, without burning. Roots, 75c.

Miniature Dahlias

This class embraces small Decorative and intermediate sorts between Pompon and Ball types. They are excellent for basket arrangement or for cut-flowers.

MD., Miniature Decorative; MFD., Miniature Formal Decorative; MID., Miniature Informal Decorative; MP., Miniature Peony-flowered.

- Andries Orange.** MSC. Bright orange of exceptionally clear and attractive tone. Stems perfect and flowers of excellent form. Roots, 50c.
- Baby Sagamore.** MD. Amber-yellow with a peach-red suffusion. Stems strong and straight and flowers well under the maximum for Miniatures. Roots, 50c.
- Billy Boy.** MFD. Deep carmine. A fine keeper; excellent for cutting purposes. Roots, 35c.

Miniature Dahlias, continued

- Bishop of Llandaff.** MD. Bright scarlet with a deep garnet center. Foliage is lacy; of a reddish bronze color. Unusual and very popular. Roots, 50c.
- Dubonnet.** MSC. Deep oxblood-red that does not fade or burn. Very profuse bloomer with sturdy compact bushes. Roots, 50c.
- Forest Fire, Jr.** MID. In color it is indeed a miniature forest fire. It is amber-yellow suffused and veined soft cardinal. This variety grows from the middle of August until frost. Roots, 50c.
- Joyce Ann.** Pink shading lighter at tips and center. Uniform, artistic and attractive blooms. Stems strong and erect. Roots, 50c.
- Little Fireball.** MFD. Very bright red. Profuse and early, with long stems. Roots, 35c.
- Little Roseata.** MFD. An excellent pink. A fine keeper, and profuse bloomer. Roots, 50c.
- Petit Prince.** MSC. Yellow base, heavily suffused crimson-red. Artistic and uniform. Strong erect stems. Roots, 50c.
- Pink Lassie.** MP. A beautiful soft shade of rose-pink with cream and lighter shadings toward center. Roots, 50c.
- Raleigh.** MID. Bushes are strong and robust, 4 feet high, and stems stiff and erect. Blooms 3½ by 2 inches, deep rose-pink, shaded salmon. One of the earliest and longest to bloom. Roots, 50c.
- Red Robin.** MFD. A bright scarlet in a true miniature of perfect form. Blooms are sun-resistant and do not fade or burn. Roots, 75c.
- Rosalie White.** MFD. Rose and white bicolor. Good grower, excellent for home decoration and cutting. Roots, 50c.
- Snowsprite.** MSC. Beautiful glistening white. Blooms of fine uniform shape are held well above robust plants in marked profusion. Roots, 50c.
- Suffolk.** MFD. Bright orange with blooms facing up on nice stems. A fine keeper. Roots, 35c.
- White Fawn.** MFD. Pure white. Rugged bush, heavy foliage and prolific bloom. Roots, 35c.

Miniature Collection

| | Roots |
|---|--------|
| Andries Orange. Bright orange... | \$0 50 |
| Bishop of Llandaff. Bright scarlet, deep center..... | 50 |
| Blue Bell. Blue-violet..... | 50 |
| Little Roseata. Pink..... | 50 |
| Snowsprite. Glistening snow-white..... | 50 |
| Sylvia. Deep carmine..... | 50 |
| Value..... | \$3 00 |

SPECIAL COLLECTION: One root each of above six varieties for 2.50

Pompon Varieties

A miniature form of Ball Dahlias. Very popular and used extensively for table decorations.

- Amber Queen.** Light bronze. Free bloomer; good for cutting. Roots, 35c.
- Atom.** Fiery red of perfect form. Small, early and profuse. Roots, 35c.
- Betty Ann.** Soft clear pink. Roots, 35c.



Pompon Dahlias

Pompon Varieties, continued

- Betty Malone.** Color white with each petal distinctly tipped violet-purple. Roots, \$1.00.
- Brass Button.** Light yellow. Consistently small. Roots, 35c.
- Chita.** Pure canary-yellow. Not temperamental. Blooms keep well. Very popular. Roots, 50c.
- Edith Mueller.** Apricot-peach. Roots, 35c.
- Honey.** Pale yellow with faint suffusion of red on edges of petals. Free bloomer. Long stems. Roots, 35c.
- Joe Fette.** Pure white. Profuse bloomer. Roots, 35c.
- Johnny Peppin.** Dark red or maroon. A profuse bloomer with perfect small blooms. Roots, 35c.
- Little Edith.** Gold, suffused red. Free bloomer. Excellent for cutting. Roots, 35c.
- Little Herman.** Red and white bicolor. Very striking. Roots, 35c.
- Little Snow White.** A fine new white; free flowering. Flowers of good form with strong stems. Roots, 35c.
- Mary Munns.** Fuchsia color, orchid sheen. Roots, 35c.
- Miss Alma.** A good lavender; fine grower and profuse bloomer. Roots, 35c.
- Morning Mist.** White tipped lavender, rosy lavender at center. Popular. Roots, 35c.
- Red Warrior.** A new bright red very much in demand. Profuse, and blooms keep well. A little beauty. Roots, 35c.
- Sherry.** A deep purple which is nearly round and very attractive. Roots, 35c.
- Snowclad.** Pure white; free bloomer. Roots, 35c.
- Yellow Gem.** Pure light yellow. Free bloomer. Long stems. Roots, 35c.

Pompon Collection

| | Roots |
|---|--------|
| Amber Queen. Light bronze.... | \$0 35 |
| Betty Ann. Soft clear pink..... | 35 |
| Little Herman. Red and white bicolor..... | 35 |
| Mary Munns. Fuchsia color, with an orchid sheen..... | 35 |
| Morning Mist. White tipped lavender..... | 35 |
| Yellow Gem. Light yellow..... | 35 |
| Value..... | \$2 10 |

SPECIAL COLLECTION: One root each of above six varieties for \$1.75

ALL PRICES SUBJECT TO MARKET CHANGES

Have you tried growing Calla Lilies outdoors?

Michell's Summer-Flowering Bulbs

Amaryllis

CULTURAL DIRECTIONS: There are few bulbs which will give the amateur gardener (or even the professional) more for his money or time than the Amaryllis.

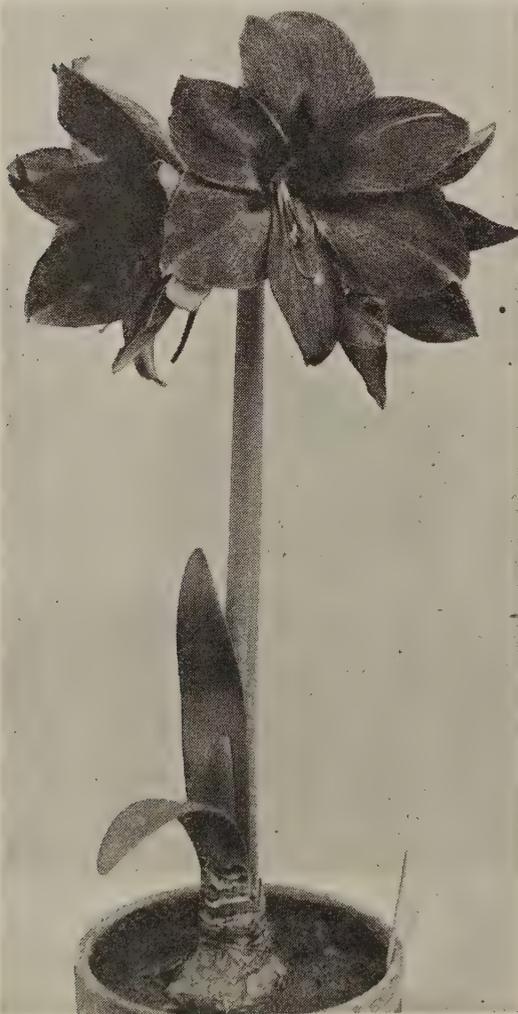
Place the bulbs, when they are procurable (usually from fall until spring), in pots 4 to 6 inches or more in diameter, and cover only to the shoulder of the bulb, leaving the neck protruding. Use a rich sandy loam, mixed with some bonemeal or sheep-manure. Water sparingly at first but increase as the growth increases. A temperature of from 50 to 60 degrees is the most suitable. The flower-spikes, often 3 to a bulb, will develop quickly, and each bears several of the immense, beautifully colored, lily-like flowers.

After blooming, it takes the foliage a considerable time to complete its growth, and the plants should be well cared for during that period, to insure next year's blooming. Dry off gradually and after the leaves turn yellow, keep the pots in a cool and dark place for about 4 to 5 months, when they can be started again as described above.

Giant American Hybrids

The finest race of Amaryllis in cultivation, exceeding in size and fine form of their flowers as well as in the diversity of colors and markings, all former hybrids. Flowers striped and flaked. We offer mixed colors only.

| | Each | Doz. |
|--------------------------------|--------|--------|
| First size selected bulbs..... | \$0 50 | \$5 50 |
| Mammoth bulbs..... | 75 | 8 00 |
| Jumbo bulbs..... | 1 00 | 11 00 |



Amaryllis



Michell's Superb Tuberous-Rooted Begonias

Our strain is the finest grown. The enormous flowers are of the most exquisite coloring and are produced in great abundance. These can be grown in porch- or window-boxes, or in the garden in semi-shady places; can be started in pots indoors very easily. Plant outdoors in May, in a light, well-drained soil where they will flower uninterruptedly from latter part of June till frost.

Single Crispa Filled Begonias (Large Bulbs)

| | Each | Doz. | 100 |
|-----------------|--------|--------|---------|
| Orange..... | \$0 25 | \$2 75 | \$22 50 |
| Pink, Rose..... | 25 | 2 75 | 22 50 |
| Salmon..... | 25 | 2 75 | 22 50 |
| Scarlet..... | 25 | 2 75 | 22 50 |
| White..... | 25 | 2 75 | 22 50 |
| Yellow..... | 25 | 2 75 | 22 50 |

Double Camellia-Flowered Begonias (Large Bulbs)

| | Each | Doz. | 100 |
|-----------------|--------|--------|---------|
| Orange..... | \$0 25 | \$2 75 | \$22 50 |
| Pink, Rose..... | 25 | 2 75 | 22 50 |
| Salmon..... | 25 | 2 75 | 22 50 |
| Scarlet..... | 25 | 2 75 | 22 50 |
| White..... | 25 | 2 75 | 22 50 |
| Yellow..... | 25 | 2 75 | 22 50 |

Begonia Pendula (HANGING-BASKET TYPE)

Unsurpassed for vases, hanging-baskets, porch- and window-boxes. Medium-sized flowers all season.

Mixed Colors. Each 25c.; doz. \$2.75; 100, \$22.50.

Fancy-leaved Caladiums

These are grown for us by one of the leading hybridizers. They are charming conservatory plants. Being of a tropical nature, they like a warm temperature. They do quite well outdoors during the summer if planted in a shaded place. The foliage covers a wide range of colors, making a grand display. Bulbs should be started in moss with plenty of bottom heat.

Ask for leaflet on their culture and care.

Extra Highly Colored Named Varieties

3 for \$1.00; doz. \$4.00; 100, \$30.00.

Mixed Varieties

An assortment especially blended for us. 3 for 90c.; doz. \$3.50; 100, \$25.00.

NOTE: It often happens that the finest colored varieties do not produce the largest bulbs. The bulbs we furnish can be depended on for best results.

Caladium Esculentum. Elephant Ear.

| | Each | Doz. |
|--------------------|--------|--------|
| Selected Size..... | \$0 25 | \$2 50 |
| Top size..... | 35 | 4 00 |

Calla Lilies

Excellent as a pot-plant for the window-garden or for growing outdoors, preferring a shaded location. May be started inside any time prior to May 1, after which they can be safely planted out.

Elliottiana. Yellow flower as large as the common white Calla. Spotted leaf.

| | Each | Doz. | 100 |
|---------------------|--------|--------|---------|
| Selected bulbs..... | \$0 30 | \$3 00 | \$22 50 |
| Mammoth bulbs.... | 40 | 4 50 | 35 00 |
| Top size..... | 50 | 5 00 | 40 00 |

Spotted. Flowers white. Foliage green spotted white..... 40 4 50 35 00

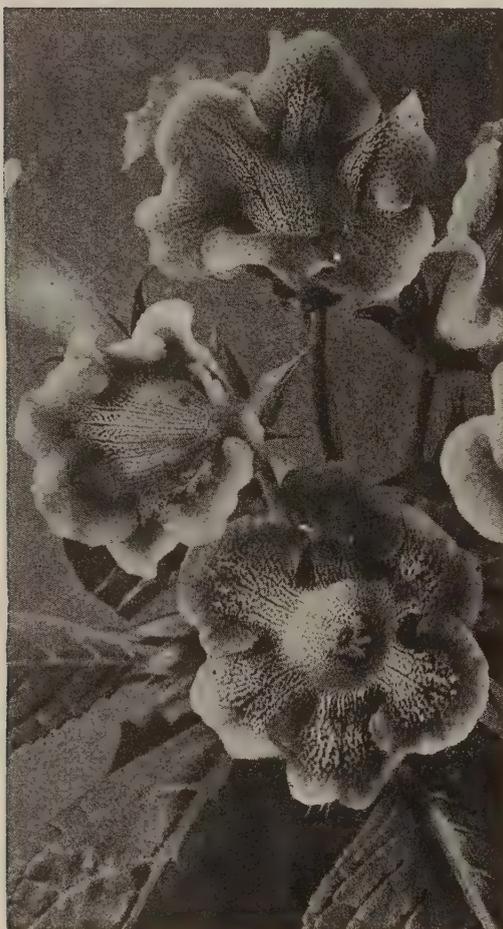
Baby Calla

Pink (Richardia Rebmanni). Dwarf. Flowers rose-pink, fading to cerise as they mature. An unusual flower. Each 50c.; doz. \$5.50.



Caladium esculentum (Elephant Ears)

MICHELL'S SUMMER-FLOWERING BULBS, continued



Gloxinias

Gloxinias

Gorgeous plants for either the conservatory or garden. They prefer a moist soil and a shady situation. Bulbs may be started as early as January, but should not be set outdoors until May 15. We offer extra-fine, large bulbs.

| | | |
|--------------------------------|--------|------------|
| Emperor Frederick. Each | Doz. | 100 |
| Red, striped white.. \$0 40 | \$4 75 | \$37 50 |
| Emperor William. | | |
| Purple, striped white | 40 | 4 75 37 50 |
| Etoile de Feu. Scar- | | |
| let..... | 40 | 4 75 37 50 |
| Mont Blanc. White.. | 40 | 4 75 37 50 |
| Roi des Rouges. | | |
| Dark red..... | 40 | 4 75 37 50 |
| Tigrina. Spotted.... | 40 | 4 75 37 50 |
| Violacea. Light pur- | | |
| ple..... | 40 | 4 75 37 50 |

Cinnamon Vine

Free-growing climber, with small white flowers deliciously scented. Makes a quick, dense shade. Monster roots, 3, 40c.; doz. \$1.50.

Gloriosa superba Rothschildiana

Handsome African tuberous-rooted plant known as "Climbing Speciosa Lily," used mostly as a greenhouse climber, but can be grown successfully outdoors in a warm, sunny location. May be grown on a trellis as it finds support through the numerous tendrils. It grows 6 to 8 feet and produces large, gorgeous, lily-like flowers which open bright yellow, changing to deep scarlet. Strong tubers. Each \$1.25; doz. \$12.00.

Ismene calathina

(PANCRATIUM LILY, PERUVIAN DAFFODIL)

A choice flowering bulb, blooming profusely during the summer. Clusters of large, striking, fragrant, pearly white flowers. Bulbs should be kept warm and dry and planted out the middle of May; they will commence flowering in July. Before freezing weather sets in they should be lifted and kept in a warm, dry place. Large bulbs, each 50c.; doz. \$5.00.



Montbretias

Montbretias

Montbretias resemble miniature gladiolus, are fine for cutting, and excellent for border planting. They prefer a light, loamy soil, well enriched with leaf-mold, but no manure or chemical fertilizer should touch the roots. A little bonemeal and a light top-dressing of lime is beneficial. They will thrive either in partial shade or full sunlight, but see that the moisture supply is good at all times.

| | | |
|---------------------------------------|--------|---------|
| | Doz. | 100 |
| Aurora. A fine golden orange.. | \$1 50 | \$10 00 |
| Fire King. Fiery red..... | 1 00 | 7 00 |
| George Davison. Pure golden | | |
| yellow..... | 1 00 | 7 00 |
| His Majesty. Rich yellow | | |
| center, shading to scarlet.... | 1 75 | 12 00 |
| King Edmund. Rich golden | | |
| yellow, with brown markings | | |
| in throat..... | 1 00 | 7 00 |
| Choice Mixed | 85 | 6 00 |

Other varieties of Montbretias supplied on request

ALL PRICES SUBJECT TO MARKET CHANGES

Madeira or Mexican Vine

Also known as "Climbing Mignonette." A beautiful and popular vine, growing rapidly, and much prized for porches and arbors. Leaves heart-shaped and of a light green color. Racemes of feathery white, fragrant flowers produced in profusion. Should be protected with litter during the winter. Extra-large selected tubers, 3, 40c.; doz. \$1.50.

Oxalis

(SUMMER-BLOOMING)

Valuable for edging the borders of walks or flower-beds.

| | | |
|--|--------|--------|
| | Doz. | 100 |
| Deppi. Small white flowers..... | \$0 35 | \$2 50 |
| Shamrock. Clover-like foli- | | |
| age. Pink flowers..... | 35 | 2 50 |
| Mixed Oxalis | 30 | 2 00 |



Tigridia Pavonia

Tigridia Pavonia

(MEXICAN SHELL-FLOWER)

Hybrids, Mixed: An excellent flowering bulb for the garden, known as the Tiger or Shell-Flower. Colors vary from pure white to gold and vivid scarlet, all deeply blotched and speckled with crimson-maroon. Plant in May, 6 inches apart and 3 to 6 inches deep; they require treatment similar to gladiolus. 3, 50c.; doz. \$1.75; 100, \$12.00.

Tuberoses

One of the most fragrant and popular of summer-flowering bulbs. For blooming in the open, plant about the middle of May.

Albino or Mexican. Single white blooms in July and August. A very free-flowering variety. The odor is less pronounced than in the double varieties. Doz. \$1.50; 100, \$10.00.

Double Pearl. Double; pure white. Doz. \$2.00; 100, \$15.00.

Zephyranthes

(FAIRY LILY)

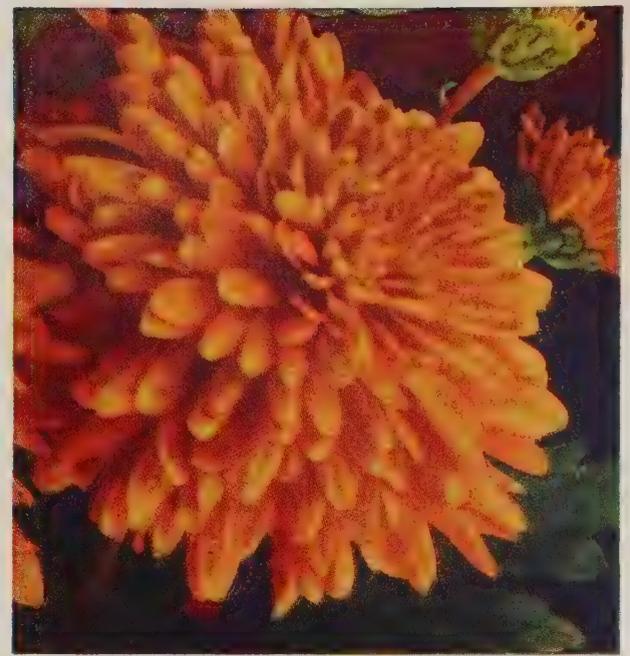
This is a small-flowering type of dwarf-growing amaryllis, flowering in profusion during the summer; also suitable for pot-culture.

| | | |
|--------------------------------------|--------|--------|
| Carinata. Very large, showy | Doz. | 100 |
| pink blooms..... | \$0 90 | \$6 00 |
| Treatiae rosea. Clear rose... | 90 | 6 00 |

MICHELL'S
Choice
Large-flowering
MUMS
 for a
Gorgeous
Fall Show



AVALANCHE. 3 for \$1.25; 10 for \$4.00



MRS. PIERRE S. DU PONT III.
 3 for \$1.50; 10 for \$4.50



EUGENE A. WANDER. 3 for \$1.25; 10 for \$4.00

1 each
 of 6 varieties
\$3.00

3 each
 of 6 varieties
\$8.50

6 each
 of 6 varieties
\$16.00



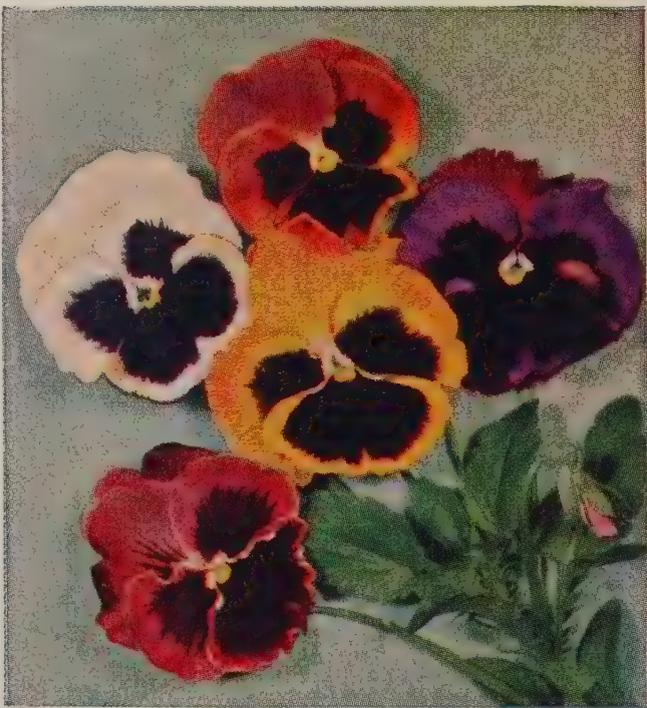
LAVENDER LADY. 3 for \$1.25; 10 for \$4.00



CHIPPEWA. 3 for \$1.50; 10 for \$4.50



BOKHARA. 3 for \$1.50; 10 for \$4.50



PANSY, Michell's New Swiss Giants, Choice Mixture
 Pkt. 50c.; large pkt. \$1.25; 1/4oz. \$3.50
 See pages 17 and 18 for complete list.

You will
 want to
 plant these
 lovely
 Annuals



**COLOR ALL
 SUMMER
 AND
 UNTIL
 FROST**



ASTER, Ballet Queen. Pkt. 25c.; large pkt. 75c.
 See page 6 for complete list.



ZINNIA, Fantasy Improved Large-Flowering,
 Formula Mixture
 Pkt. 15c.; large pkt. 50c.; 1/4oz. 75c.
 See pages 26 and 27 for complete list.



MORNING-GLORY, Blue Star
 All-American (1949)
 Pkt. 25c.; large pkt. 75c.; 1/4oz. \$1.25
 See page 15 for complete list.



MARIGOLD, Dwarf African Little Giants, Mixed
 Pkt. 15c.; large pkt. 60c.; 1/4oz. \$1.00
 See page 16 for complete list.



SWEET PEAS
Cuthbertson Strain, Coline
Pkt. 25c.; 1/2oz. 50c.; oz. 90c.
See pages 23 and 24 for complete list.



CHRYSANTHEMUM carinatum, Merry Mixture
Pkt. 10c.; large pkt. 30c.; 1/4oz. 75c.
See page 10 for complete list.

Try these
for
A splash of color
in your
garden!



PETUNIA, Michell's Rosalind. Pkt. 25c.; large pkt. \$1.00
See pages 18 and 19 for complete list.



SNAPDRAGON (Antirrhinum) University of California
Mixture. Pkt. 15c.; large pkt. 60c.; 1/4oz. \$1.10
See page 5 for complete list.

MICHELL'S *Outstanding* PERENNIALS



LYCHNIS *viscaria splendens*
3 for \$1.60; 10 for \$4.50



ASTER, *Hybridus luteus*
3 for \$1.60; 10 for \$4.50



ANCHUSA *myosotidiflora*
3 for \$1.60; 10 for \$4.50

1 each of 6 varieties \$3.75
3 each of 6 varieties \$10.00
6 each of 6 varieties \$19.25



TROLLIUS *Ledebouri*, Golden Queen
3 for \$2.25; 10 for \$6.00



LIATRIS, September Glory
3 for \$1.60; 10 for \$4.50



CARNATION Royal Cottage Hybrids
3 for \$1.60; 10 for \$4.50

Michell's Choice Bedding Plants

Special Notice on Guarantee

We spare no effort to supply all Plants, Shrubs, Roses, Vines, etc., of the best quality. The many causes beyond our control do not permit us to guarantee the life of this stock. That is entirely within the power of the buyer or planter. However, we will gladly replace any plant or shrub damaged in transportation if the Railway Express receipt is marked "damaged" and returned to us.

PLEASE NOTE. These plants do not ship satisfactorily by mail.

On all orders for Bedding Plants please note 6 plants of any variety or color is the minimum quantity for delivery by Railway Express or Local Truck.

Add 10 per cent to your order to cover delivery if less than \$3.50 value.

Small quantities will be available at our Store on a cash-and-carry basis during the planting season at especially established prices.

Shipping-Time

In average seasons, applying to orders booked for spring.

Hedge Plants, Small Fruits, Flowering and Ornamental Shrubs. Sometimes late in March, generally during April and lasting until growth is too far advanced for transplanting with safety or assurance of stock surviving.

Herbaceous Perennials. April and continuing either until stock is exhausted or until season is too far advanced.

Roses. Weather permitting, our stock of pot-grown varieties will be shipped during the month of May.

Bedding Plants. Geraniums, Cannas, Salvias, etc., are usually shipped all through May and June.

For all Mail and Express Orders

In the face of the limitations of the times, we must ask that orders call for at least

6 Plants of each variety of Annuals
3 Plants of each variety of Perennials
(Special Collections as listed excepted)

The problems involved in handling lesser units are time-consuming, an element that must be conserved now.

In so far as stocks will be available, we will be pleased to serve customers at our Store, 518 Market St., with single plant units on a cash-and-carry basis.

Our Bedding Plants Flower Throughout the Summer



Antirrhinum, nanum grandiflorum
(Semi-Dwarf) Rustproof

Alyssum

Michell's Bouquet. 4 in. Pure white flowers on dwarf, compact plants. Desirable for edging, as it flowers all season. Doz. \$2.50; 100, \$18.00.

Antirrhinum • Snapdragon

A very effective plant for massing or grouping in the flower border. Should be planted in groups of not less than six for the best effect.

Nanum grandiflorum (Semi-Dwarf) Rust-proof. 2½ ft. A selected mixture in Red, Yellow, Pink, Orange and White. Doz. \$3.00; 100, \$22.50.

Asters

Giant Branching. 2½ ft. A useful plant for the border and for cutting. Offered only in mixture of White, Pink, Crimson, and Blue. Doz. \$2.50; 100, \$18.00.

Begonias, Fibrous-rooted

Gracilis luminosa. 1 ft. A popular variety with bronzy red foliage and brilliant scarlet flowers. The ideal plant for showy masses of color in partially shaded areas. Blooms from May until frost.

Prima Donna. 1 ft. Lovely rose-colored flowers shading to carmine.

All Begonias, 4-in. pot-plants, doz. \$6.00

Cannas (Pot Grown)

For particulars of dormant roots, see page 50.

Ambassador. 3½ ft. Brilliant cherry-red flowers. Bronze foliage.

City of Portland. 4 ft. A glowing pink. Foliage green.

King Humbert. 4½ ft. Its majestic growth is enhanced by its massive trusses of coppery scarlet flowers. Foliage is deep bronze.

Richard Wallace. 4½ ft. Large, showy, pure canary-yellow flowers. Green foliage.

The President. 4 ft. Rich glowing scarlet. Green foliage.

All Cannas, doz. \$6.00; 25 for \$12.00

Coleus

Golden Bedder. Rich canary-yellow foliage.

Queen Victoria. Red foliage with yellow edge.

Verschaffelti. Dark crimson foliage.

Rainbow Mixture. An excellent mixture of all colors and markings.

All Coleus, doz. \$2.50; 100, \$18.00

Dracaena

Indivisa. Graceful, narrow green leaves. Suitable for urns and window boxes. 4-in. pots, each \$1.25; 6-in. pots, each \$2.50.

Geraniums

Beaute Poitevine. Salmon-pink; very double.

Mme. Landry. A real coral color. Compact habit.

Rose-scented. The old-fashioned sweet-scented variety.

Ricard. Enormous, bright scarlet flowers during the entire season.

All Geraniums, 4-in. pot-plants, 3 for \$1.75; doz. \$6.00; 25 for \$12.00



Geranium, Beaute Poitevine

Ageratum • Floss Flower

Michell's Blue Boy. Extra dwarf. The growth is uniform and even, 4 inches high, completely covered with flowers of the richest shade of blue. An excellent plant for the border, since it flowers all summer. Doz. \$3.00; 100, \$22.50.

Alternanthera

Very useful for carpet bedding. Grows best in warm, sunny situations. For formal designs keep sheared to 6 inches.

Versicolor. Red.

Aurea. Yellow.

Doz. \$2.00; 100, \$15.00

Philadelphia's Complete Garden Store



Marigold, Yellow Supreme

Heliotrope · Cherry Pie

18 in. A general favorite because of its fragrance. Doz. \$6.00; 100, \$45.00.

Lantana

2 ft. A very desirable bedding plant because of its bright orange and pink shades, flowering continuously summer and fall. Doz. \$6.00; 100, \$45.00.

Lobelia

Compacta. 4 in. The ideal edging plant. Blue flowers. Doz. \$3.00; 100, \$22.50.

Marigold

These are favorites with all garden lovers, giving a wealth of color in the flower border and very useful for cutting.

TALL AFRICAN VARIETIES

Alldouble Orange. *Originator's Stock.* 3 ft. This new variety will produce a large percentage of double flowers of a bright orange shade.

Alldouble Lemon. 3 ft. Fine clear yellow, all double flowers.

Guinea Gold. 3 ft. The flowers come 100 per cent double and semi-double. Color, clear orange, flushed with gold.

Yellow Supreme. 3 ft. Broad, loose, frilled petals, similar to Guinea Gold, of a rich creamy lemon-yellow color.

DWARF DOUBLE FRENCH VARIETIES

Melody. *Bronze Medal, All-America Selections.* 1 ft. Golden yellow. Harmony type flowers.

Spry. *Silver Medal, All-America Selections.* Extra dwarf; very compact and uniform habit about 9 inches tall with very light orange-crested center and maroon outer petals.

All varieties of Marigolds, doz. \$3.00; 100, \$22.50

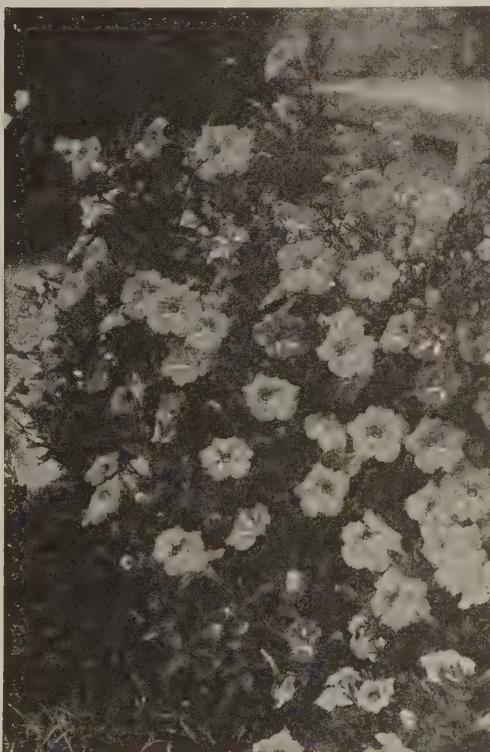
Moon Vine

Ipomoea noctiflora. A pure white variety blooming toward evening and in the forenoon. The flowers are frequently 6 inches in diameter. Extra-strong plants, 3 for \$1.50; doz. \$5.50.

Petunias

MICHELL'S EXCLUSIVE INTRODUCTION

Michell's Gay Lady. This novelty Petunia is a Michell introduction in a new type of Petunia which we feel will prove very pleasing to American gardeners. The plants are very compact and erect, growing 8 to 10 inches tall, and when in full bloom form a compact mat of color. The flowers are medium sized, well fringed and ruffled, and are borne in great profusion. The color-range is a combination of pink and white to red and white. A very bright and gay mixture. Splendid for borders and bedding or growing in pots. Doz. \$4.00; 100, \$30.00.



Petunia, Rosy Morn

Petunias

SINGLE LARGE-FLOWERED PLAIN-EDGED VARIETIES

Michell's Dwarf Elk's Pride. 8 in. A really dwarf type of this popular Petunia in which the straggly habit is entirely lacking. The color is the well-known royal purple.

Snowstorm. 10 in. A fine large-flowering pure white variety. Very free bloomer. Good as a pot-plant and for bedding.

All above Petunias, doz. \$3.00; 100, \$22.50

DWARF SINGLE SMALL-FLOWERED STANDARD SORTS

Silver Blue (Heavenly Blue). 10 in. Makes a fine bedding variety combined with Rosy Morn.

Rosy Morn. 10 in. Dwarf, bushy plants, bearing in great profusion brilliant rose-colored flowers with a white throat.

Rose of Heaven. 8 in. Rich, brilliant rose color.

All above Petunias, doz. \$3.00; 100, \$22.50

Phlox Drummondii

Gigantea Art Shades, Mixed. *All-America Winner.* A strain with flowers 1¼ to 1½ inches in diameter, in many pleasing art shades. Plants grow about 9 inches high. Doz. \$3.00; 100, \$22.50.

Salvia · Scarlet Sage

The Salvia is among our most popular and useful bedding plants. There is nothing more effective in midsummer or fall than these bright scarlet flowers.

America (Globe of Fire). 2 ft. Dwarf, bushy, compact grower and very uniform in height and shape. 3-in. pots, doz. \$3.00; 100, \$22.50. 4-in. pots, doz. \$5.00; 100, \$40.00.

Verbena

DWARF UPRIGHT MICHELL'S EXHIBITION

This new dwarf upright type is a fine addition to the Verbena group. The plants are dwarf and well branched and produce large flower-heads. The individual florets have distinct eyes and the color-range is a choice mixture of bright shades. This type is fine for bedding and borders. 8 in. Doz. \$3.00; 100, \$22.50.

Vinca

Major variegata. A trailing plant used for hanging-baskets and window-boxes. Green foliage, mottled white. 3-in. pots, each 35c.; doz. \$4.00. 4-in. pots, each 75c.; doz. \$8.50.

Vinca rosea (Madagascar Periwinkle)

Alba. 1½ ft. White, with rose eye.

Alba pura. 1½ ft. Pure white.

Rosea. 1½ ft. Rose with dark eye.

All Vincas, doz. \$4.00; 100, \$30.00

Zinnias

Michell's Giant Dahlia-flowered, Mixed. Elegans, Lilliput.

All Zinnias, doz. \$2.50; 100, \$18.00



Verbena, Dwarf Upright Michell's Exhibition

Michell's Hardy Perennial Plants

VARIETIES MARKED ★ SUITABLE FOR ROCK-GARDENS

SPECIAL NOTICE ON GUARANTEE

We spare no effort to supply all Plants, Shrubs, Roses, Vines, etc., of the best quality. The many causes beyond our control do not permit us to guarantee the life of this stock. That is entirely within the power of the buyer or planter. However, we will gladly replace any plant or shrub damaged in transportation if the Railway Express receipt is marked "damaged" and returned to us.



Aconitum Napellus

Achillea · Milfoil; Yarrow

Filipendulina, Parker's Variety. The large heads of bright yellow blooms are borne on sturdy stems. 3 ft. June, July.

Ptarmica, Boule de Neige (Ball of Snow). The flowers are of perfect form, with full centers which make them appear pure white. 1 ft. June, July.

Tomentosa. Wool Yarrow. Handsome cut foliage with bright yellow flowers. 1 ft. June.

All Achilleas, each 60c.; 3 of one variety \$1.60; 10 for \$4.00

Aconitum

Monkshood; Helmet Flower

Fischeri. A dwarf variety, growing 1½ feet high, with large pale blue flowers in September and October. Each 60c.; 3 for \$1.60; 10 for \$5.00.

Napellus, Sparks' Variety. The darkest blue of all. 3 to 4 ft. June. Each 90c.; 3 for \$2.25; 10 for \$6.75.

★Ajuga · Bugle

Reptans. The well-known blue variety. Will stand sun or shade. Flowers in May. 6 in.

Rosy Spire. A rosy pink form. 6 in.
All Ajugas, each 60c.; 3 of one variety \$1.60; 10 for \$4.00

★Alyssum

Saxatile compactum. An excellent, low, spreading plant for rockery or border, growing about 10 inches high. Masses of golden yellow flowers in May. Each 60c.; 3 for \$1.30; 10 for \$4.00.

★Anchusa · Sea Bugloss

Italica, Dropmore. Tall spikes of beautiful blue flowers in June. A valuable border plant, 4 to 5 ft.

★**Myosotidiflora.** A distinct dwarf variety from the Caucasus Mountains, with clusters of pretty blue, forget-me-not-like flowers in May. See color illustration, facing page 57.

All Anchusas, each 60c.; 3 of one variety \$1.60
10 for \$4.50

★Anemone · Windflower

SPRING-FLOWERING KINDS

Plant in the fall or early spring

Pulsatilla. Pasqueflower. The violet-blue flowers are followed by silky seed-pods. A picturesque and curious plant. 10 to 12 in. Early May. Each 50c.; 3 for \$1.30; 10 for \$4.00.



Anemone alba

FALL-FLOWERING KINDS

Japonica Types—Plant in May.

Alba. Large, single flowers of purest white on splendid 4-foot plants.

Hupehensis. This species resembles a miniature *A. japonica* in growth, with pale mauve-colored flowers in early August continuing to late fall. 1 ft.

September Charm. A recent hybrid, from 2 to 2½ feet tall. It has lovely single silvery rose flowers.

September Queen. The rosy red flowers are semi-double and are freely produced. 2 ft.

September Sprite. A charming pink variety of diminutive form. 12 in.

Above Anemones, each 60c.; 3 of one variety \$1.60; 10 for \$5.00

Anthemis · Marguerite

Moonlight. Pale lemon-yellow; daisy-like flowers. 2½ ft. All summer. Each 60c.; 3 for \$1.60; 10 for \$5.00.

Aquilegia · Columbine

Columbines are "must" plants for every garden, however small. They adapt themselves easily and often self-sow, to the delight of most gardeners. Few plants are more graceful in form and the blooms are delightful for cutting. They bloom during May and June.

Caerulea. 2 ft. The famous Rocky Mountain blue Columbine.

★**Canadensis.** 18 in. A native kind with reddish orange flowers. May, June.

Chrysantha. 2½ ft. Choice long-spurred yellow flowers.

Chrysantha, Silver Queen. 2 ft. A top-notch pure white variety.

Crimson Star. 2 ft. Large flowers with crimson sepals and spurs accentuated with white petals.

Longissima. 18 in. Flowers are pale yellow with amazingly long spurs. Each 60c.; 3 for \$1.60; 10 for \$5.00.

Mrs. Scott Elliott's Strain. 2 ft. Outstanding for its wide range of color. We offer these long-spurred Columbines with justifiable pride.

Rose Queen. 2 ft. Long-spurred pink flowers.

All Aquilegias, each 60c.; 3 of one variety \$1.60; 10 for \$4.50, except where noted.

★Arabis · Rock-Cress

Alpina fl.-pl. 1 ft. Desirable double white form. April, May. Each 60c.; 3 for \$1.60; 10 for \$4.50.



Anthemis, Moonlight

Buddleias make a good background for your perennial border

★ Armeria · Thrift

Caespitosa Hybrids. 1 ft. Large flower-heads in a pleasing variety of pink shades. June.

Cephalotes, Bees' Ruby. 1½ ft. Stout stems with large globular heads of brilliant ruby-red flowers. June to September.

Cephalotes rubra. 1 ft. Deep pink; very showy. June.

All Armerias, each 60c.; 3 of one variety \$1.60; 10 for \$5.00

Artemisia · Wormwood

The Wormwoods are mainly ornamental foliage plants, always decorative. Many pleasing effects and contrasts will result by planting them among your other perennials.

Fringed (*A. frigida*). 12 in. The daintiest of the Wormwoods, with soft silvery foliage. Good in knotted herb garden. Be sure to try it!

Mugwort (*A. lactiflora*). 4 ft. A stately plant for the background of the border, producing pyramidal heads of fragrant, creamy white flowers during August and September.

Silver King (*A. albula*). 3 ft. Graceful silvery white plant, also known as "Ghost Plant." The dried foliage is attractive for winter bouquets.

All Artemisias, each 60c.;
3 of one variety \$1.60; 10 for \$4.50

Asclepias · Butterfly-Weed

Tuberosa. Very showy native plants, about 2 feet high, producing their flowers of brilliant orange-scarlet during July and August. Each 60c.; 3 for \$1.60; 10 for \$4.50.

Asperula

Odorata. Sweet Woodruff; Waldmeister. 8 in. Used in making maibole. Spreading herbage; fragrant white flowers in May. Each 60c.; 3 for \$1.60; 10 for \$4.50.



Armeria cephalotes, Bees' Ruby

Tall Fall Asters

Michaelmas Daisies
September Blooming

Beechwood Challenger. 3 ft. A new Aster with sturdy plants bearing masses of glowing crimson flowers. We consider this to be the finest red Aster.

Blue Plume. 2 ft. A choice and showy Aster with almost double flowers of deep blue. Bloom is carried in stately spikes.

Harrington's Pink. 4 ft. Flowers are perfectly flat, 1½ inches or more across, and of clear soft pink, with not a hint of the usual magenta found in most pink Asters.

Hybridus luteus. 2 ft. Dwarf, compact plants with myriads of starry yellow flowers on graceful stems. See color illustration, facing page 57.

Lavender Giant. A new introduction of our own. Large lavender-blue flowers completely cover the 3-foot plants in graceful sprays, making this variety ideal for cut-flower use. Early September to late October.

Mount Everest. 4 ft. Pyramidal plants of snowy white flowers with yellow eyes. Beautiful in the garden or when cut.

Violetta. New. 4 ft. The darkest Aster. Lovely flowers of deep violet-purple. Sturdy plants.

All Michaelmas Daisies, each 60c.;
3 of one variety \$1.60; 10 for \$4.50



Buddleia, Orchid Beauty

Buddleia · Butterfly-Bush

(For delivery in spring only)

Semi-shrubs which freeze down in hard winters and come up with renewed vigor the following spring. All the Buddleias are excellent as cut-flowers as well as for their decorative value in the garden during August and September.

Empire Blue. Pat. 557. Deep blue with a delicate lilac tone.

Fascination. A hybrid of pink coloring.

Orchid Beauty. Well-formed spikes of bloom; delicate fragrance.

Royal Red. Pat. 556. The closest approach to red yet achieved in Buddleias.

White Cloud. A new white Butterfly-Bush. It grows 4 to 5 feet high and develops into a very symmetrical and compact bush, producing hundreds of well-formed, pure white blooms with tiny bright yellow eyes.

All Buddleias, each \$1.00;
3 of one variety \$2.75

Special Offer: Collection of above 5 varieties
\$4.50

Ask for Collection No. 11



Aster Frikarti, Wonder of Staefa

Aster Frikarti, Wonder of Staefa

An everblooming perennial. Flowers clear azure-blue, 2 to 3 inches in diameter, on long stems. 2 ft. Each 75c.; 3 for \$2.00; 10 for \$6.00.

HORTICULTURE ...

America's leading garden magazine for amateurs. 206 leading professionals and 40,462 amateurs write to bring you each month what is new, what is interesting and what is valuable in gardening.

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518
With each regular subscription a free gift, *The Gardeners' Almanac*. A \$1.50 book to tell you what to do in your garden month by month. Fifth printing

Horticultural Hall, Boston, Mass.

Please send me *Horticulture* and my free *Gardeners' Almanac* postpaid. Enclosed is \$2.00 for one year (\$3.50 for two years).

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Town or City State

CHRYSANTHEMUMS, HARDY DOUBLE VARIETIES

Our 3-inch pot-plants are ready around May 15. These plants will give a wealth of color in the garden through September and October.

The following double varieties are each 50c.; 3 of one variety \$1.25; 10 assorted \$4.00, except where noted.

Algonquin. A showy early yellow from the U. S. Department of Agriculture. Produces 2½-inch blooms on 2-foot plants.

Apricot Glow. The amazingly prolific plants are covered with shapely, high-centered, 2½-inch double blooms, rich apricot-bronze in color, from the middle of August until killing frost. Height, 18 inches with a spread up to 3 feet the first year. It is a dense plant, symmetrical yet informally graceful. Each 60c.; 3 for \$1.50; 10 for \$4.50.

Avalanche. One of the best all-round whites. Flowers 4 to 5 inches across, fully double. Early Oct.

Barbara Small. Double, lilac-pink flowers, 3 inches across. Comes into bloom in early September and continues for a long season. 2 ft. Each 60c.; 3 for \$1.50; 10 for \$4.50.

Bokhara. Soft crimson and wine shades, a glorious blend as lovely as the far-famed rugs of Bokhara, with the same silky, luminous gleam. Exceptionally hardy, upright, 2-foot plants with splendid foliage. The fully double flowers are perfectly formed. Early Oct. Each 60c.; 3 for \$1.50; 10 for \$4.50.

Bronze Pyramid. Bright golden bronze flowers of good size and substance in well-branched sprays. Fine for cutting. 2½ ft. Oct.

Burma. Glistening bronze with soft orange tints and coppery overtones—a lovely unique blend impossible to describe accurately. The plant is vigorous but compact and branching in habit, with lusty green foliage. It blooms profusely from late September on through the season. Each 60c.; 3 for \$1.50; 10 for \$4.50.

Chippewa. A sensational new giant early-blooming hardy Chrysanthemum produced by the University of Minnesota. Crimson with a purple sheen. Each 60c.; 3 for \$1.50; 10 for \$4.50.

Eugene A. Wander. Large, double, glistening golden yellow. One of the most popular in this color.

Fireglow. Brilliant Chinese-red, 2-inch flowers in well-spaced sprays. Blooms freely from early Sept. 18 in. Each 60c.; 3 for \$1.50; 10 for \$4.50.

King Midas. A very strong, free-flowering, early-blooming, double Korean variety with light yellow flowers sometimes lightly blended with bronze.

Lavender Lady. One of the most popular double Koreans. Vigorous plants producing a great abundance of double, delicate lavender flowers.

Magnolia. Clean-cut, large, shapely, high-centered, very double blossoms of unusual texture, averaging 4 inches across and produced in generous clusters about mid-September. Color is pink shading to creamy pink with a dainty soft yellow overcast. The stocky plants average 2 feet in height, and require no staking or special attention. Bred from Nipponicum, this variety is distinct from any other sort and instantly appeals to everyone. Cuts very nicely. Each 60c.; 3 for \$1.50; 10 for \$4.50.

Mandarin. Coral-salmon and bronze blended to make a very attractive flower. The plant is compact but the blooms are carried on stiff, wiry stems.

Mme. Chiang Kai-shek. Pat. 634. A new Chrysanthemum. Beautifully formed flowers, fully double, composed of stiff petals able to withstand any and all bad weather. The color is excitingly lovely, a blending of chrome-yellow, cadmium-yellow, and old-gold that simply glows when the long-lasting flowers are under artificial light. Each \$1.00; 3 for \$2.75; 10 for \$8.25.

Mrs. Pierre S. du Pont III. The Nation's favorite bronze. No double Chrysanthemum compares with this truly magnificent creation. Each 60c.; 3 for \$1.50; 10 for \$4.50.

Pink Radiance. From late September on, plants are an exuberant mass of color, carrying hundreds of blossoms 3 inches or more across. The color, luminous pink, with soft pink at the center, is unlike any other and holds well. Like its namesake, the Radiance rose, it is sure to become a favorite garden variety. Height, 2½ feet with equal spread. Each 60c.; 3 for \$1.50; 10 for \$4.00.

Red Velvet. A new crimson beauty. The shapely, full, double flowers, medium in size, are carried erect on good stems. The color—velvety crimson when opening—changes to an even dark crimson, remaining attractive for a remarkably long period. Each 60c.; 3 for \$1.50; 10 for \$4.50.

Rembrandt. A blend of strawberry-red, copper and rose.

Romany. Rich red with bronze shadings. 2½ ft. Early Oct.

Silver Ball. A large clear white, incurved type. Hardy.

Theresa. Coppery orange. A real fall color for the garden.

English Chrysanthemums

These are different from other hardy varieties. The large, solid, double flowers measure up to 4 inches across. Some varieties bloom in September but all flower by mid-October. For the most impressive results use the culture recommended for Greenhouse Chrysanthemums. Feed and disbud to one good terminal bud to each stem. All varieties offered have survived the winters in Pennsylvania.

Each 60c.; 3 of one variety \$1.50

Alabaster. Pure white.

Charnwood. Rich wine-purple.

Forward. Bright silvery orchid.

Gold Mine. Sunshine-yellow.

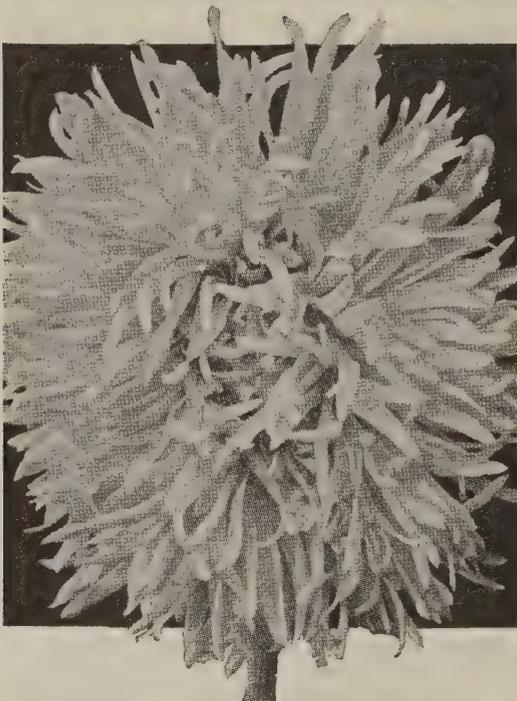
Leda. Warm old-rose.

Sandy Richie. Crimson, gold reverse.

One each of the above six for \$3.25
Ask for Offer No. 8



Chrysanthemum Border



Chrysanthemum Maximum
Shasta Daisy, Double White Swan

CHRYSANTHEMUM MAXIMUM

Shasta Daisies

The Shasta Daisies are among the most desirable of all cut-flower material, and are easily grown. The long-stemmed flowers are long lasting when cut. They are all nice clean whites that are unusually useful to work in with other flowers in bouquets.

Aglaia. A sensational new Shasta. Large double flowers with fringed petals. Blooms nearly all summer. A sturdy grower and perfectly hardy. Each \$1.10; 3 for \$3.00.

Double White Swan. Masses of double white flowers over a long season. 18 to 24 in. Late spring and early summer.

Edgebrook Giant. A new variety of merit with 5 to 6-inch blooms on long straight stems. Overlapping, closely set petals with a clear yellow center. 2½ ft. Each \$1.00; 3 for \$2.75; 10 for \$7.50.

Esther Reed. Fully double white flowers of good lasting quality. The blooms are 3 to 4 inches in diameter and come rather freely on the sturdy plants. 1½ to 2 ft. Summer and fall. Each 90c.; 3 for \$2.25; 10 for \$6.50.

Favorite. This popular florist's variety is an excellent outdoor daisy bearing masses of large, semi-double, pure white flowers. 2 ft. July, Aug.

Majestic. Large white flowers, 5 to 6 inches across, with a small yellow center, are produced intermittently throughout the summer. Petals are straight, overlapping, and do not droop; stems are stiff and stand up well. Easily grown, it withstands adverse conditions. 18 to 24 in. Each \$1.00; 3 for \$2.75.

Marconi. A novelty with extra-large, double flowers about 5 inches across. We have the true stock propagated from divisions. 2 to 3 ft. All summer. Each 90c.; 3 for \$2.25; 10 for \$6.50.

Mt. Shasta. Full double white flowers 3 to 4 inches in diameter with a high crested center. Stems 18 to 24 inches long make it excellent for cutting. Blooms off and on all summer. Each 90c.; 3 for \$2.25; 10 for \$6.50.

Supreme. Extra-large, single white flowers. 2 ft. June, July.

All above Shasta Daisies, each 60c.; 3 of one variety \$1.60; 10 for \$5.00, except where noted

POMPON AND BUTTON VARIETIES (Hardy)

Charles Nye. Developed by Dr. Kraus, of the University of Chicago. This is by far the finest yellow Pompon to date. Very large, deep yellow blooms produced freely in compact clusters. Strong grower, 20 inches high. Fully double, rounded flowers. Each 60c.; 3 for \$1.50; 10 for \$4.00.

Ethel. Lovely bronze-red button. Each 50c.; 3 for \$1.25; 10 for \$4.00.



Pompon Chrysanthemums

Fred F. Rockwell. Pat. 718. The most gorgeous blending of bronze and orange-scarlet tones ever seen in a Pompon. Amazingly prolific, the strong-branching, 2-foot plants often carry 75 or more symmetrically perfect flowers to a single spray and several sprays to a plant. Each \$1.00; 3 for \$2.75; 10 for \$8.25.

Harbor Lights. Soft yellow and creamy white tints mingle to create a luminous, sparkling effect. Sept. 20. Each 60c.; 3 for \$1.50; 10 for \$4.50.

Jewel. Violet-mauve; well named. Each 50c.; 3 for \$1.25; 10 for \$4.00.

Mandalay. The recent introduction of better Pompons is responsible for a new wave of popularity in this small-flowering type. Mandalay will prove a valuable contribution. Brilliant orange-bronze blooms, ideal for cutting. Oct. 1. Each 75c.; 3 for \$2.00; 10 for \$6.00.

Mary Pickford. A clear white Button variety. Each 50c.; 3 for \$1.25; 10 for \$4.00.

Ruby. Splendid Pompons of ruby-crimson in large sprays on upright plants. Early Oct. Each 75c.; 3 for \$2.00; 10 for \$6.00.

White Wonder. Welcome indeed is this new white Pompon. Exquisitely formed, ball-shaped blooms with broad petals are a crisp, clean white, the buds a soft creamy white. The 3-foot plants are tremendously free in bloom, the sprays so heavily branched that a few stems are a fine bouquet. In full flower about Sept. 25. Each 75c.; 3 for \$2.00; 10 for \$6.00.

COLLECTION OF THE NEWER POMPON AND BUTTON VARIETIES

Charles Nye **Mandalay**
Fred F. Rockwell **White Wonder**

One each of the above 4 varieties for \$2.85. Ask for Offer No. 3.

Northland Daisies (The Hardy Chrysanthemum)

The name Northland Daisy suggests their Arctic hardiness. Plant them now to make gay masses of color in the autumn garden.

Each 50c.; 3 for \$1.25; 10 for \$4.00

Eric, the Red. Vivid scarlet.

Galahad. A large pure yellow.

Igloo. A perfect mound of white flowers with yellow centers, resembling an Eskimo igloo.

Kristina. Rose-pink. Red buds open to an unusual shade of extremely deep rose-pink.

Rheingold. Golden bronze. An attractive flower with abundant, closely set petals.

Siegfried. Sulphur-yellow. Flowers larger than other varieties.

Solveig. Pink. Vigorous plant with lovely, clear rose-pink flowers.

One each of the above seven for \$3.25

Ask for Offer No. 7



Northland Daisies

Delphiniums Highlight the garden



Chrysanthemum, Silver Moon

CHRYSANTHEMUMS, Continued

Single Varieties

Each 50c.; 3 for \$1.25; 10 for \$4.00, except where noted

- Apollo.** Bronze-red and old-gold.
- Dubonnet.** Very large, single, amaranth-pink blooms. Strong, sturdy plants. October 10. Each 75c.; 3 for \$2.00; 10 for \$6.00.
- Pink Charm.** Glowing pink. An ideal cut-flower.
- Primula.** Lemon-yellow. Very desirable.
- Silver Moon.** The gleaming white Chrysanthemum has a warmth and intensity that is entirely new. Mild sweet fragrance and attractive, contrasting dark green foliage. A fine lusty 2½-foot plant producing flowers from September on, equal to the finest greenhouse product, yet unusually frost resistant.
- Summertime.** Pat. 689. Bred specifically for summer flowering, this brilliant yellow, single Chrysanthemum brings its mass of glistening yellow to the garden from mid-July to October. Blooms are 2 inches or more across, bright lemon-yellow to bronze-yellow, in densely branched sprays. Compact plants 20 inches high, growing to over 2 feet across. This variety improves with age. Divide every third year. Each 75c.; 3 for \$2.00; 10 for \$6.00.

Collection of the Best 4 Singles, \$2.25

Apollo **Silver Moon**
Dubonnet **Summertime**
 Ask for Offer No. 4

New Anemone-flowered HARDY CHRYSANTHEMUM

KOREAN PRINCESS. Pat. 640. Shapely blooms, 2½ inches across, rich bronze-red on opening, with a perfectly formed, golden bronze cushion center, changing to soft strawberry-crimson as they mature. Each \$1.00; 3 for \$2.75.

Greenhouse-Type Chrysanthemums for the Garden

These are the early, large-flowering florist varieties. They can be grown like any other Mum but should be disbudded and staked if extra large individual blooms are desired. On frosty nights protect them with a cloth cover. Each 50c.; 3 for \$1.25; 10 for \$4.00.

- Gold Lode.** Light golden yellow.
- Hilda Bergen.** Dark bronze.
- Indianola.** Light reddish bronze.
- Mrs. H. E. Kidder.** Yellow.
- October Rose.** Lavender.
- Silver Sheen.** White.



Cushion Chrysanthemum

CUSHION VARIETIES

All are dwarf growing, about 1 foot high, and very free flowering from early September until late frosts. Each plant produces hundreds of blooms.

Each 50c.; 3 for \$1.25; 10 for \$4.00, except where noted

- Champion Cushion.** Rich red-bronze.
- King Cushion.** Coppery bronze.
- Lavender Lassie.** A counterpart of the ever-popular Lavender Lady, but in the smaller Pompon form. Low, cushion-like habit of growth. Each 75c.; 3 for \$2.00; 10 for \$6.00.
- Marjorie Mills.** Deep crimson shaded and burnished chestnut-crimson, later becoming suffused with rose and bronze tints. Each 75c.; 3 for \$2.00; 10 for \$6.00.
- My Lady.** Orange-yellow. Very early.
- September Bronze.** Golden bronze.
- September Cloud.** White.
- September Gold.** Brilliant golden yellow blooms. Remarkably free and colorful.

Collection of 6 good Cushion Mums

Champion **Sept. Bronze**
King **Sept. Cloud**
My Lady **Sept. Gold**
 One each of the above for \$2.75
 Ask for Offer No. 6

Spoon Varieties

This new race of Chrysanthemum is a distinct addition to American gardens. The uniquely formed, graceful, tubular petals are flattened at the tips to resemble a spoon—hence the name.

Each 50c.; 3 for \$1.25; 10 for \$4.00

- | | |
|----------------------|---------------------|
| Glowing Spoon | Rose Spoon |
| Jasper Spoon | White Spoon |
| Pink Spoon | Yellow Spoon |

Special Collection Offer

1 each of the above 6 for \$2.75
 Ask for Offer No. 5

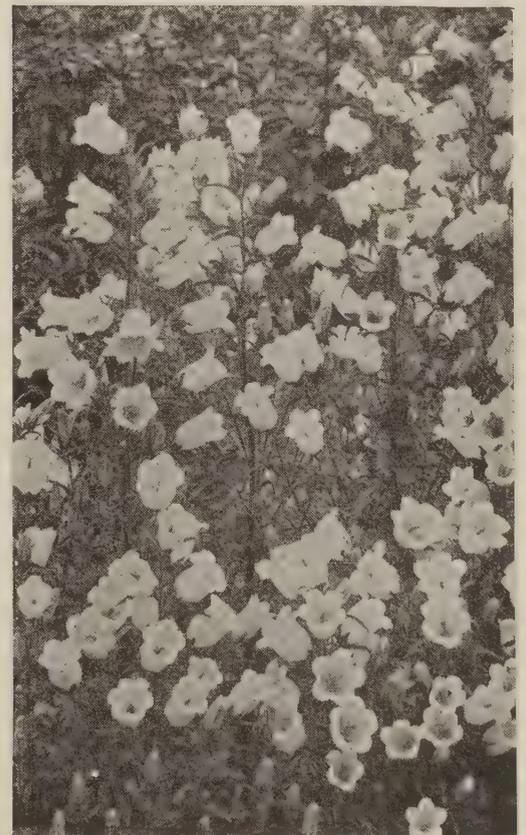
Campanula • Bellflower

PERENNIAL VARIETIES

- ★**Carpatica.** Carpathian Harebell. A pretty, compact-growing variety with clear blue flowers on erect, wiry stems from July until October. 6 in.
- Glomerata.** Heads of striking blue flowers. 18 in. July.
- Persicifolia humosa.** We are pleased to offer this rare double form of the Peach Bell Campanula. Perfectly hardy, it yields a continuous mass of large blue cups during May, June and July. 2½ ft.
- Telham Beauty.** Our stock is true, from imported plants, producing large single flowers of exquisite China-blue through July. 2½ ft.

BIENNIAL VARIETIES

- Medium.** Canterbury Bells. 2 ft. Mixed or separate colors—white, pink, and blue. Blooms in June and July.
- Medium calycanthema.** Cup-and-Saucer Canterbury Bells. 2½ ft. Mixed, or white, pink, and blue.
- All Campanulas, each 60c.; 3 for \$1.60; 10 for \$4.50



Campanula, Medium

Hardy Carnations will give you some old-time fragrance

Hardy Carnations

Crimson King. 18 in. Vibrant crimson, double flowers on long stems all summer.

Royal Cottage Hybrids. Large double flowers, delightfully fragrant. Red, Pink, White, and Mixture. Flowers all summer. See color illustration, facing page 57.

All above Hardy Carnations, each 60c.; 3 for \$1.60; 10 for \$4.50

Centaurea

Plants of easy culture, delighting in an open, sunny position, and producing a wealth of bloom which not only makes a fine display in the border but is excellent for cutting.

Montana. Mountain Bluet. Grows 2 feet high, bearing large violet-blue flowers from July to September.

Montana alba. Pure white form of above. All Centaureas, each 60c.; 3 for \$1.60; 10 for \$4.50

★Cerastium Snow-in-Summer

Tomentosum. 6 in. Pure white flowers and silvery foliage. A compact grower and fine for the rock-garden. Blooms in May. Each 50c.; 3 for \$1.30; 10 for \$4.00.

Coronilla

★**Cappadocica.** 6 in. The glaucous foliage makes a compact mat; brilliant golden yellow flowers show in great abundance. May to July. Each 70c.; 3 for \$2.00.

★Cypripedium · Lady-Slipper; Moccasin Flower

Hardy Orchids which present interesting flowers in late spring. These plants prefer shade or a semi-shade location. Fine for rockeries, wild gardens, or near streams or ponds. Peaty soil is required for best results.

Acaule. Pink Lady-slipper. Large, bright purple-pink flowers, carrying foliage close to the ground. 1 ft. May, June.

Pubescens. Yellow Lady-slipper. Large, bright yellow flowers in May and June. Prefers shade and rich, well-drained soil. 1 ft.

Spectabile. Showy Lady-slipper. Extra strong grower having large leaves and white to rose-colored flowers. 1 ft. June.

All Cypripediums, each 60c.; 3 for \$1.60; 10 for \$5.00



Cypripedium spectabile

Cimicifuga · Bugbane

This variety will help to solve many a problem in the shady garden. Plant in large groups, and enjoy a delightful display of white spire-like flowers for several months.

Racemosa. 4 to 6 ft. Long white spikes of bloom in July and August. Each 60c.; 3 for \$1.60; 10 for \$5.00.

Racemosa simplex. A showy fall-blooming variety. White spikes 3 to 4 feet long. Late September and October. Each \$1.00; 3 for \$2.75.

Coreopsis · Tickseed

★**Auriculata nana.** 15 in. A dainty species with clusters of golden yellow flowers. May to Sept.

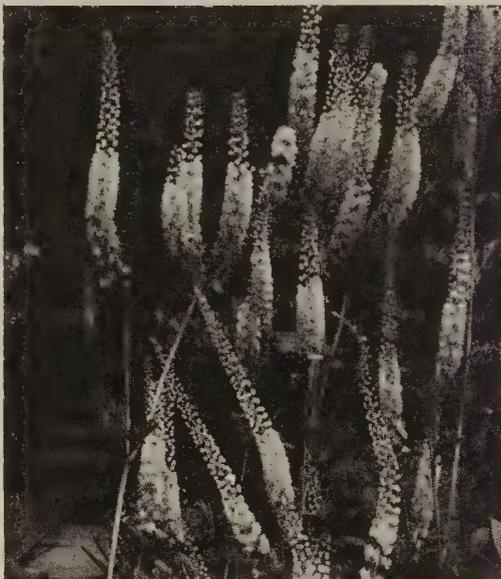
Golden Shower. 18 to 24 in. A new introduction chosen for its freedom of bloom throughout the summer. Delicate star-like brilliant yellow blossoms. Graceful foliage.

Perry's Double. A double-flowering hybrid of unusually large size. 18 to 24 in. Blooms all summer.

All Coreopsis, each 60c.; 3 of one variety \$1.60; 10 for \$5.00

Coreopsis grandiflora, Badengold.

New. Very floriferous. Flowers during the entire summer. Very large, Indian-yellow blooms, 4 inches in diameter, on tall stems. Excellent for cut-flowers. 2 ft. Each 75c.; 3 for \$2.00.



Cimicifuga racemosa simplex.

Hybrid Delphiniums

(Young plants from 2 1/4-inch pots)

We take pleasure in offering you our choicest strain of Hybrid Delphiniums in the most economical way to build up a collection.

The young plants should be set out during April and May and kept shaded and watered until new growth starts. During September you may expect some lovely spikes of bloom reaching 4 to 5 feet high. Blooms will be at their best the following June.

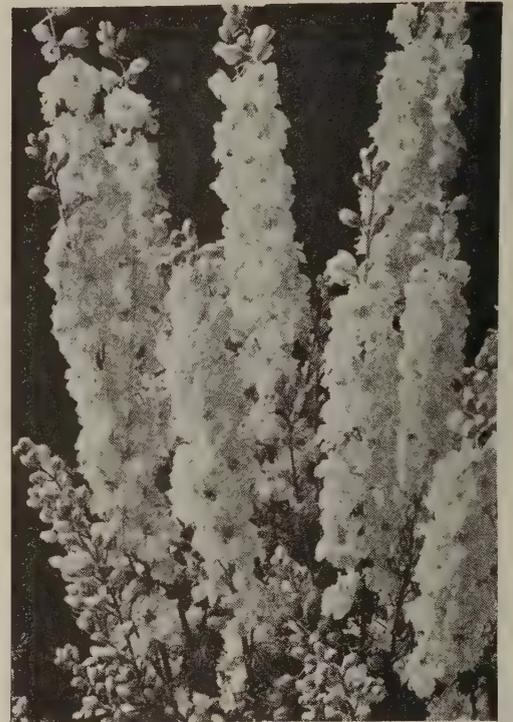
Delphiniums appreciate lime and a well-drained soil. Cultivate after rains.

Blackmore & Langdon's Strain of English Hybrids.

Giant Pacific, Blues and Lavenders.

Giant Pacific, Whites and Cream.

All above Hybrid Delphiniums, 6 for \$2.00; doz. \$3.50; 25 for \$6.00



Delphinium, Pacific Giants

Michell's Modern Hybrid Delphiniums

In every garden of distinction you will find a generous use of Modern Delphiniums.

They are majestic in the towering splendor of their perfect spikes, in their range of exquisite blues, purples, and mauves.

The plants we offer are carefully selected seedlings of the English Prize-winning Strains checked as to type, while in bloom.

Pacific Giants. This new strain, developed in California, carries a fine range of colors and the structure of the best foreign varieties. Our plants have been grown from the originator's own stock. Strong plants. Mixed colors. Each 90c.; 3 for \$2.25; 10 for \$6.50.

Belladonna, Improved. 3 to 4 ft. A magnificent strain of the pure blue Delphinium, producing long spikes during June-July, and in the fall. Each 60c.; 3 for \$1.60; 10 for \$5.00.

Chinensis grandiflorum, Blue Mirror. A sensationally beautiful dwarf blue Delphinium resembling the Chinese forms, but the flowers are flat saucers of aquamarine, without spurs. The habit is compact, forming neat 18-inch bushlets and the sprays are produced in endless profusion from early May until frost. This is a true perennial and is exceedingly hardy, wintering successfully at low temperatures of 16 below zero. A true joy for every garden. Each 60c.; 3 for \$1.60; 10 for \$5.00.

Lamartine. 3 to 4 ft. Large, single, dark gentian-blue flowers on branching plants. Each 60c.; 3 for \$1.60; 10 for \$5.00.

Dictamnus · Gas Plant

Albus. A hardy plant that will grow and remain in the garden for many years; best left undisturbed, as it improves with age. White flowers. 18 to 24 in. June, July.

Ruber. A red-flowering form of the above. 18 to 24 in.

All Dictamnus, each 75c.; 3 for \$2.00.

Hemerocallis for a golden garden display



Digitalis, Giant Shirley, Mixed

Dianthus • Pinks

Barbatus. See **Sweet William.**

Bobbie. A deep pink gem.

Little Joe. A compact plant with delightfully fragrant, vivid red flowers.

Meg Gardner. 15 in. A recent introduction bearing large white flowers with distinct red centers. June, July.

Old Spice. Pat. 499. Carnation-like salmon-pink flowers. Clove-scented.

Purity. A pure white.

Tiny Rubies. The miniature plants produce carnation-like flowers on stems 4 to 5 inches high. In full sun the color is pink; with partial shade it approaches rose.

White Reserve. Pure white with strong stems. An ideal Dianthus for cutting.

New Rose. Unique hybrids with double blooms of red, rose, pink and salmon. Mixed colors, only. Each 75c.; 3 for \$2.00; 10 for \$6.00.

All Dianthus, each 60c.; 3 of one variety \$1.60; 10 for \$4.50, except where noted

Dicentra (Dielytra)

★**Eximia.** Fringed Bleeding-Heart. 1 ft. A dwarf-growing variety with beautiful finely cut foliage and showy pretty pink flowers. Blooms all summer. Each 60c.; 3 for \$1.60; 10 for \$4.50.

Spectabilis. Bleeding-Heart; Seal Flower. 2½ ft. Its long sprays of graceful, heart-shaped flowers are always attractive. Blooms in May and June. Each \$1.00; 3 for \$2.75; 10 for \$8.50.

Sweetheart. 1 ft. A white form of dwarf Bleeding-Heart. Finely cut foliage. Blooms from spring to fall. Each \$1.50; 3 for \$3.50; 10 for \$9.00.

Digitalis • Foxglove

These ship best from March 12 to April 15. Later orders will be filled in the fall.

Giant Shirley, Mixed. These are a genuine Shirley production of extraordinary size and vigor. The flower-heads are over 3 feet long, crowded with large, bell-shaped blossoms, ranging in color from white and shell-pink to deepest rose. Each 50c.; 3 for \$1.30; 10 for \$4.00.

Doronicum • Leopards-Bane

These gleaming yellow daisy-like flowers are a top-notch source of color in the spring border and rock-garden. For best results, plant them in partial shade, preferably in the fall. Spring plants may have to be cut back, as they flower in April.

Mme. Mason. 2½ ft. Compact in habit; noted for its large bloom. April, May. Each 60c.; 3 for \$1.60; 10 for \$5.00.

Echinops • Globe Thistle

Taplow Blue. 3 to 3½ ft. Very interesting globe-shaped blue flowers. Excellent for cutting and drying. July. Each 75c.; 3 for \$2.00.

Eupatorium

Cœlestinum. A pretty hardy plant with light blue flowers similar to ageratum. 2 ft. Sept. Each 60c.; 3 for \$1.60; 10 for \$4.50.



Echinops, Taplow Blue

Ferns

A shady position, usually on the north side of the building, that may be useless for the cultivation of other plants, is easily transformed into a hardy fernery. These graceful plants are of easy culture.

Christmas Fern. Evergreen. Extremely ornamental for massing in shade or partial shade. 1 to 2 ft.

Cinnamon Fern. Strong, vigorous growing, suited to varied locations. Shade or semi-shade. 3 to 4 ft.

Lady Fern. Exceedingly showy and vigorous. Shade. 2 to 3 ft.

Leatherwood Fern. Evergreen. Attractive and vigorous grower. 2 to 3 ft.

Maidenhair Fern. One of the most distinct and beautiful Ferns. Prefers a moist, shady location. 18 to 24 in.

Ostrich Fern. Bold growing, usually along streams. Very ornamental in a moist, shady location. 3 to 5 ft.

Royal Fern. A strong, tall species that thrives in shady or sunny locations. 3 ft.

Toothed Woodfern. Almost evergreen. Fine effects when massed. Shade. Prefers a rich, moist soil. 2 to 3 ft.

All Ferns, each 60c.; 3 for \$1.60; 10 for \$4.50.

Funkia (Hosta)

Plantain Lily; Day-Lily

Cærulea lanceolata. 1½ ft. Requires a minimum of care. The plants with their lush foliage are always nice, and the blue flowers are lovely during summer. Blooms in July. Each 60c.; 3 for \$1.60.

Glauca. 1½ ft. The large leaves have a pleasing blue-gray cast; spikes of pale blue flowers. July, Aug. Each 75c.; 3 for \$2.00.

Subcordata grandiflora. Very large, pure white, lily-shaped, fragrant flowers. 2½ to 3 ft. Aug., Sept. Each 90c.; 3 for \$2.50; 10 for \$7.50.

Undulata media picta. Green and white variegated foliage. Purple flowers. 2 ft. July. Each 50c.; 3 for \$1.30; 10 for \$4.00.

★Geum • Avens

Borisi. A dwarf plant with brilliant orange-red flowers. Very free flowering. 10 in. July to Sept.

Fire Opal. Dazzling rich scarlet flowers with orange sheen, often measuring 3 inches in diameter. Very free flowering. 12 to 15 in. May to Oct.

Princess Juliana. An excellent new hybrid with large, double, pure orange flowers on stout stems. 15 to 18 in. Early. June to Oct.

Wilton Ruby. Ruby-red, an improvement on Mrs. Bradshaw. 12 to 15 in. July to Sept.

All Geums, each 70c.; 3 for \$1.75; 10 for \$5.50

Gaillardia • Blanket Flower

Grandiflora. 2 ft. Dark brown center, surrounded with a rich orange disc; petals on outer edges yellow. Flowers all summer. 3 for \$1.30; 10 for \$4.00.

Geranium • Cranesbill

Lancastriense. Light salmon-pink blooms borne frequently all summer on 4 to 6-inch stems. Unusually hardy. A choice rock-garden plant, easily grown. 6 in. Each 60c.; 3 for \$1.60; 10 for \$5.00.



Geum, Wilton Ruby

Select your perennial plants for spring, summer, or fall flowering

Gypsophila • Baby's Breath

Bristol Fairy. A wonderful improvement over *G. paniculata fl.-pl.* It is a distinct new form, producing immense panicles of pure white, double flowers very early in the season and continuing until frost. 3 ft. Each 90c.; 3 for \$2.25; 10 for \$6.50.

Oldhamiana. Abundant masses of white flowers delicately tinted pink. In bloom from August until late fall. 3½ ft. Each 70c.; 3 for \$1.60; 10 for \$5.00.

Oldhamiana, Flamingo. A new tall double form. The lovely pink flowers are like Bristol Fairy in form. Grows just as tall but blooms four or five weeks later. 3 ft. Each \$1.00; 3 for \$2.75; 10 for \$7.50.

★**Repens.** Beautiful trailing plant for the rockery, with clouds of small white and pink flowers during July and August. 1 ft. Each 70c.; 3 for \$1.60; 10 for \$5.00.

Helleborus • Christmas Rose

They grow best in rich soil and a shady location; unexcelled for the beauty of their flowers, their evergreen foliage, and their attractive appearance the year round.

★**Niger.** 1 ft. Single white blooms flushed with pink, on sturdy stems. Feb., Mar.

Orientalis atropurpurea. 1 ft. Known as the Lenten Rose. Purple and Red.

All Helleborus, each \$1.50; 3 for \$4.25

Heuchera • Coral-Bells

Light soil and full sun suit them best, but they will make an admirable show in partial shade.

Brizoides. Vigorous grower; light pink flowers. 18 to 24 in. May to Aug.

Rosamonde. Pleasing coral-pink flowers on long stems. 2 ft. June to Sept.

Sanguinea Hybrids. A wonderful range of colors from white through the various shades of pink to deepest red. 1½ ft. June to Sept.

All Heucheras, each 60c.;
3 of one variety \$1.60; 10 for \$5.00



Heuchera sanguinea Hybrids



HEMEROCALLIS (DAYLILY)

August Pioneer. Chrome-orange blooms of medium size. Especially valuable for its late period of bloom—early August through September. 2½ ft. Each \$1.50; 3 for \$4.00.

Bagdad. Large flowers borne on plants of considerable height; coppery red petals with orange throat. 5 ft. July. Each \$1.25; 3 for \$3.25.

Boutonniere. Flourishing clusters of small flowers. The throat of each is orange-yellow with darker petals. 2½ ft. Aug., Sept. Each \$1.25; 3 for \$3.25.

Curly Pate. Medium-sized yellow, cup-shaped flowers with petals curled at the ends. 4½ ft. July. Each 90c.; 3 for \$2.50.

D. D. Wyman. Golden yellow with tawny splashes; 3 ft. Late June, July. Each 75c.; 3 for \$2.00.

Dover. Large; clear orange. 4 ft. June, July. Each 75c.; 3 for \$2.00.

George Yeld. Distinctly large; the outer petals are rich orange-yellow and the inner flushed with rose. 4 ft. July, Aug. Each \$1.25; 3 for \$3.25.

Goldeni. Deep golden orange; attractive in form; very free-flowering. 2 ft. Late June. Each 75c.; 3 for \$2.00.

Hyperion. One of the most popular varieties—pale canary-yellow. 3½ ft. July. Each \$1.25; 3 for \$3.25.

Imperator. A distinct variety with rich orange-red coloring. 4 ft. July, Aug. Each \$1.25; 3 for \$3.25.

J. A. Crawford. Clear gold. 4 ft. June, July. Each \$1.00; 3 for \$2.50.

J. R. Mann. Golden yellow. 2½ ft. July, Aug. Each 75c.; 3 for \$2.00.

Mandarin. Unusually tall and especially lovely in the evenings is this lemon-yellow variety for late summer. 5 ft. Aug. Each 90c.; 3 for \$2.50.

Mikado. A glamorous combination—orange with a mahogany-red spot on each petal. Occasionally blooms in the fall. 3 ft. June, July. Each \$1.25; 3 for \$3.25.

Modesty. Palest yellow; amazing in size. 4 ft. June. Each \$1.00; 3 for \$2.50.

Mrs. A. H. Austin. The cup-shaped deep orange-yellow blooms are of medium size; most attractive. 2½ ft. Aug. Each \$1.25; 3 for \$3.25.

Mrs. W. H. Wyman. Best described as pale glistening yellow. 3½ ft. Aug. Each 60c.; 3 for \$1.60.

Ophir. Its rich golden yellow coloring has made this a favorite variety. 4 ft. July. Each \$1.25; 3 for \$3.25.

The Gem. An unusually popular yellow variety; large size. 3 ft. July, Aug. Each 75c.; 3 for \$2.00.

The New "Leonian" Hybrid Hemerocallis. Magnificent new creations ranging in height from 3 to 5 feet. Giant-sized blooms in various shades from orange-red to maroon. Mixed colors. Each \$1.00; 3 for \$2.75.

We offer two collections of these lovely Daylilies: A. for the Flower Border of 3-foot width; B. for the wider Flower Border up to 5 feet.

COLLECTION A

6 varieties growing 1½ to 3 ft.

| | |
|--------------------|--------------------------|
| Boutonniere | Mrs. A. H. Austin |
| D. D. Wyman | J. R. Mann |
| Goldeni | Mikado |

SPECIAL OFFER . . . \$5.25
(Value \$6.00)

COLLECTION B

6 varieties growing 3 to 5 ft.

| | |
|--------------------|-------------------|
| Bagdad | Imperator |
| George Yeld | Ophir |
| Hyperion | Curly Pate |

SPECIAL OFFER . . . \$6.50
(Value \$7.15)

Helianthus

Hardy Sunflower

Loddon Gold. Full, double yellow flowers on long stems. All summer. 4 to 5 ft. Fine for cutting. Each 60c.; 3 for \$1.60; 10 for \$4.50.

Helenium • Sneezewort

This hardy family of perennials blooms in late summer. The daisy-like flowers are borne in great profusion on bushy, shrub-like plants varying from 3 to 5 feet in height. Very effective for late summer bloom and excellent for cutting. A sunny location and good average garden soil is their only requirement.

Moerheim Beauty. 2½ ft. A handsome and distinctive perennial with warm, glowing brown-red flowers from June to October. For best results divide the plants early every spring, replant the young shoots and discard the old plant.

Pumilum magnificum. 18 to 24 in. Bright yellow flowers all summer. A good companion for Moerheim Beauty.

All Heleniums, each 75c.; 3 for \$2.00; 10 for \$6.00

Helianthemum • Sun-Rose

These delightful low-spreading, shrubby plants are indispensable in the rock-garden and foreground of the hardy border. They prefer a sunny, well-drained location. Height is 6 to 8 inches and blooming season from late May to July.

Apricot. Apricot-yellow. One of the best.
Ben Ledi. A new hybrid with crimson-lake flowers.

Buttercup. Single; golden yellow.

Double Yellow. Double blooms of citron-yellow.

Fireball. Double; bright scarlet.

Rhodanthum carneum. Pale pink flowers on silvery foliage are a pleasing combination.

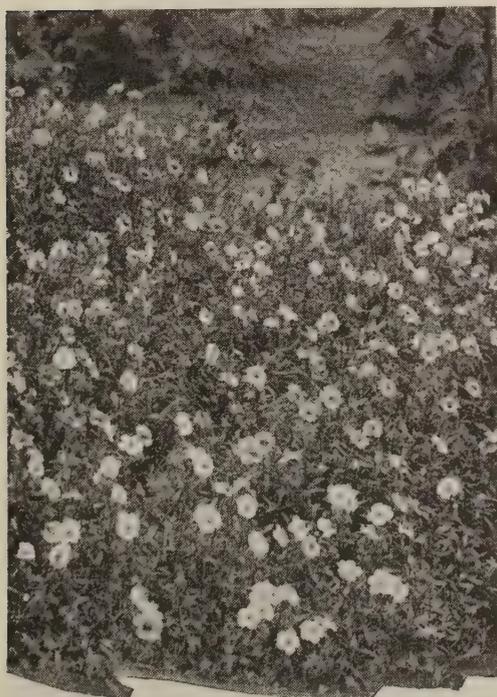
All Helianthemums, each 60c.; 3 for \$1.60; 10 for \$4.50

Hollyhocks

Double. Our strain of these is very fine, and we offer them in separate colors only: Yellow, Crimson, Pink, and White.

Single, Mixed. They are of stronger growth than the double-flowering type and consequently make a better showing. We can supply these in mixed colors only.

All Hollyhocks, each 50c.; 3 for \$1.30; 10 for \$4.00



Helianthemum, Buttercup

Hibiscus • Rose-Mallow

The 5-foot, shrub-like plants are particularly spectacular, with an abundance of large, single, hollyhock-shaped flowers, measuring 4 to 6 inches across in late summer.

Mixed Colors only. Each 60c.; 3 for \$1.60; 10 for \$4.50.

*Iberis • Hardy Candytuft

Purity (Custus). A hardy new Candytuft of merit. The large, attractive flowers are pure white. Very free bloomer and compact grower only 6 inches high. Comes into bloom in late April and May. Each \$1.00; 3 for \$2.50.

Little Gem. A perfect gem of very dwarf habit, not over 6 inches high, with masses of white flowers in May. Each 60c.; 3 for \$1.60; 10 for \$5.00.



Linum perenne

Iris Germanica

are dug and shipped in Fall only.
No Spring deliveries.

Oriental or Japanese Iris (Iris Kaempferi)

The Oriental Iris, with their huge picturesque blooms and graceful gladiolus-like foliage, are among the most beautiful of the great Iris family. Then too, they come into bloom at a time when other Iris are past, starting the latter part of June and continuing well into July. They are extremely showy in the garden and excellent as cut flowers for the home. 2 to 3 ft.

Azure. Double, immense mauve-blue flowers.

Betty F. Holmes. Double, large, white blooms with yellow midrib.

Blue Bird. Single, rich blue.

Doris Childs. Double, pearl-white veined purple.

Gold Bound. Double, white, gold-banded center.

Purple and Gold. Double, rich violet-purple with golden throat.

Red Riding Hood. Single; fine red variety.

Rose Anna. Double, light mauve, heavily veined purple.

All Oriental Iris, each 90c.; 3 for \$2.50



Lobelia cardinalis

Lavandula • Lavender

Vera. 1½ ft. The true Sweet Lavender with delightfully fragrant blue flowers in July and August. Each 60c.; 3 for \$1.60; 10 for \$5.00.

Vera rosea. Novelty. 1½ ft. Similar in habit to *L. vera* but the blooms are a delicate silvery pink. Each 75c.; 3 for \$1.75; 10 for \$5.00.

Vera, Twinkle Purple. 15 in. Plants are compact and well formed. A delightful border or edging plant with purple flowers. Each 60c.; 3 for \$1.60; 10 for \$5.00.

Liatris • Gayfeather

Pycnostachya. 4 ft. The tall spikes of rich purple are outstanding in the summer garden. July, Aug.

September Glory. 6 ft. Giant spikes of rosy purple flowers; making a splendid effect. Sept. See color illustration, facing page 57.

Spicata. 3 ft. Similar to *L. pycnostachya* but earlier to bloom.

White Spire. 6 ft. A sport of September Glory. Pure white. Fine for garden and cutting. Sept.

All Liatris, each 60c.; 3 for \$1.60; 10 for \$4.50

*Linum • Flax

Flavum, Improved. 1 ft. Golden yellow flowers produced freely from early May on.

Perenne. 1½ ft. Light, graceful foliage and large blue flowers all summer.

All Linum, each 60c.; 3 of one variety \$1.60; 10 for \$4.50

Lobelia

Cardinalis. Cardinal Flower. Rich fiery cardinal flowers. 2 to 3 ft. Aug., Sept. Each 60c.; 3 for \$1.60; 10 for \$4.50.

The blooms of *Viola Royal Robe* make an ideal table arrangement



Lupinus, Russell Hybrids

Lupinus • Lupine

Russell Hybrids. An extraordinary new strain noted for its pastel colors. 3½ ft. June, July. Each 60c.; 3 for \$1.60; 10 for \$5.00.

Lychnis • Campion

Chalcedonica. 2 ft. Brilliant scarlet blooms. June. Each 60c.; 3 for \$1.60; 10 for \$4.50.

Viscaria splendens flore-pleno. 15 in. This old-fashioned plant with showy heads of crimson-purple has long been a favorite. May, June. See color illustration, facing page 57. Each 60c.; 3 for \$1.60; 10 for \$4.50.

Lythrum

Morden's Pink. 2 to 2½ ft. Masses of rose-pink flowers on narrow spikes. Profuse and continuous bloomer June to September. Excellent for cutting. A hardy variety growing in full sun or partial shade. Each 90c.; 3 for \$2.25.

Monarda • Bee-Balm; Oswego Tea; Bergamot

Old-fashioned plants of easy culture anywhere. Highly aromatic leaves and pretty spikes of flowers.

Cambridge Scarlet. Brilliant crimson-scarlet flowers. 2½ ft. July.

Croftway Pink. This new pink Bergamot is a sturdy grower and the most exquisite, glowing rose-pink. Entirely different from any other new varieties in existence. 2½ ft. July. Each \$1.25; 3 for \$3.50.

Salmon Queen. Salmon-pink flowers; delightfully fragrant foliage. 2½ ft. July. All Monarda, each 60c.; 3 for \$1.60; 10 for \$4.50, except where noted

Special Notice On Guarantee

We spare no effort to supply all plants, shrubs, roses, vines, etc., of the best quality. The many causes beyond our control do not permit us to guarantee the life of this stock. That is entirely within the power of the buyer or planter. However, we will gladly replace any plant or shrub damaged in transportation if the Railway Express receipt is marked "damaged" and returned to us.

***Myosotis • Forget-Me-Not**

Palustris semperflorens. 8 in. Bright blue. Ideal for moist shady places, for your rock-garden or border. Blooms all summer. Each 50c.; 3 for \$1.30; 10 for \$4.00.

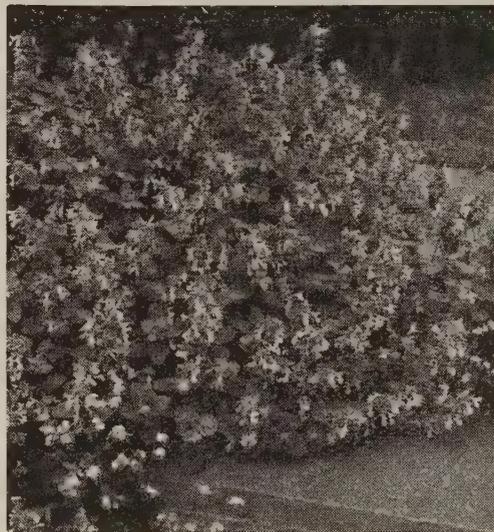
***Nepeta • Catnip**

Mussini. 9 in. A compact grower forming tufts of small violet-blue flowers during July and August. Each 50c.; 3 for \$1.30; 10 for \$4.00.

Six Hills Giant. 1 ft. Masses of strong lavender-blue flowers in late August. Each 60c.; 3 for \$1.60; 10 for \$5.00.

Oenothera

Missouriensis. 10 in. A trailing plant bearing great quantities of big yellow flowers often 5 inches across. Deserves a prominent place in the rock-garden. June to Aug. Each 60c.; 3 for \$1.60; 10 for \$4.50.



Nepeta Mussini

Pachysandra

Terminalis. An evergreen, trailing plant with thick, glossy green foliage forming a dense mat. One of the finest ground-covers.

| | | |
|-------------------------------|--------|---------|
| | Doz. | 100 |
| 1-yr. field-grown plants..... | \$2 00 | \$12 00 |
| 2-yr. field-grown plants..... | 2 50 | 16 00 |
| 2¼-in. pot-grown plants..... | 2 50 | 16 00 |

Pentstemon • Beard-Tongue

Barbatus, Pink Beauty. 3 ft. Glowing pink flowers. June to Sept.

Firebird (Cherry Glow). 2 ft. An outstanding new introduction to add color to summer gardens. The individual ruby-crimson blooms are unusually large and the long spikes of bloom are especially attractive in bouquets. Blooms all summer.

Garnet. 18 in. The graceful stems hold loosely arranged, garnet blooms. June to Sept.

Ruby King. Flower-spikes are 18 to 24 inches high and are produced freely. Rich ruby, trumpet-shaped flowers held proudly above the bushy plants. June to Sept. Each \$1.00; 3 for \$2.75.

All Pentstemons, each 60c.;
3 of one variety \$1.60; 10 for \$5.00,
except where noted

Peonies are dug and shipped in fall only. No spring deliveries.

Hardy Summer Phlox

Phlox is the backbone of the summer garden and it can be depended upon to produce a great abundance of bloom over a long period.

The following varieties are each 60c.; 3 of one variety \$1.60; 10 for \$5.00

Border Queen. 1½ ft. Early. Large florets of deep watermelon-pink.

Caroline Vandenberg. 2 ft. Midseason. Lavender-blue hybrid.

Count Zeppelin. 2 ft. Midseason. Large white flowers with deep crimson eye.

Daily Sketch. 3 ft. Midseason. Extra-large trusses and individual florets of light salmon-pink with faint carmine eye.

E. I. Farrington. 3 ft. Midseason. A most striking Phlox with large heads of salmon-pink flowers.

Leo Schlageter. 2½ ft. Midseason. Scarlet-red with an orange cast.

Lillian. 2½ ft. Early. Lovely pure pink.

Miss Lingard. 3 ft. Very early. Pure white. Useful for cutting.

Rosalinda. 3 ft. Late. A pink form of Miss Lingard.

Outstanding Hardy Phlox

The following varieties are each 90c.;
3 of one variety \$2.25; 10 for \$6.50

Appleblossom. 3 ft. Midseason. A beautiful soft pink.

Augusta. Pat. 252. 2½ ft. Midseason. American Beauty red.

Charles H. Curtis. 2½ ft. Late. A lovely sunset-red.

Chesapeake. Pat. app. for. 15 in. Large heads of Tyrian rose flowers with a silvery white reverse. The lasting quality is excellent.

Dr. Klemm. 2 ft. Midseason. Lavender-blue, with rich purple centers.

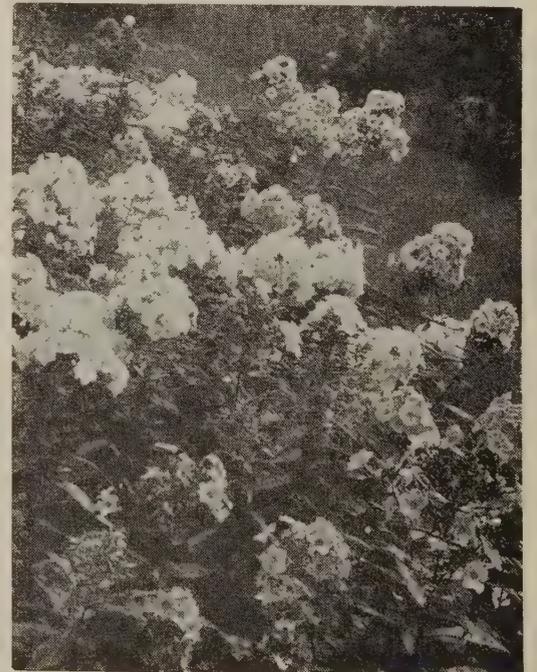
Fairy King. 2 ft. Late. Large rounded heads of soft lavender. Resistant to the usual Phlox diseases.

Mary Louise. 2½ ft. Late. The best pure white, with heads of unusually large size. Clean foliage.

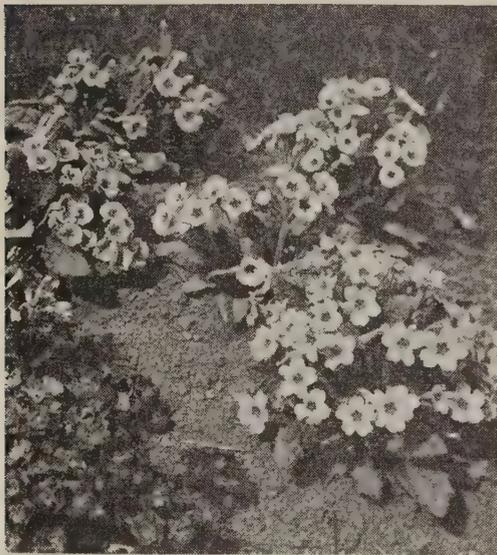
Progress. 2½ ft. Midseason. Light blue with deeper purple-blue eye.

Ruby Lee. 3 ft. Midseason. Extra-large, plum-red flowers. Healthy and vigorous.

Salmon Beauty. 2 ft. Midseason. Salmon-pink accentuated with white eyes.



Hardy Phlox



Primula polyanthus

***Phlox Subulata • Moss Pink**

Alba. White.
Blue Eyes. Light blue.
Brightness. *New.* Attractive bright pink.
Rosea. Rose color.
Sampson. *New.* Deep rose with crimson center, distinct and lovely. Also offered under name of Sensation.
Vivid. A compact and showy grower with fiery rose flowers.
 All above Phlox, each 50c.;
 3 of one variety \$1.40; 10 for \$4.00

Miscellaneous Hardy Phlox

Camla. 6 in. An English novelty. The large flowers are glistening pink. Blooms again in the fall.
Divaricata. 10 in. Our beautiful blue native Phlox. Does well in the shade.
 All above Phlox, each 70c.;
 3 of one variety \$1.60; 10 for \$5.00

Primula

Hardy Primrose; Cowslip

All Primulas are best planted in fairly rich, moist soil and shade; however, many varieties of the Veris and Julia type will get along nicely in full sun, if watered often during summer months. Bloom in early spring.

All Primulas, each 60c.; 3 of one variety \$1.60; 10 for \$5.00, except where noted

Auricula Giant Hybrids. Unusual and distinct Primula. Large flowers in various colors on 6 to 8-inch stems.
Cashmeriana. Large round heads of bright violet on 12 to 15-inch stems.
Julia, Primrose Lodge. Large, deep crimson flowers on 4 to 6-inch stems. Free and early bloomer.
Julia, Wanda. 6 in. Deep bluish purple, almost violet. Very free blooming.
Polyanthus (Veris Polyanthus).
Munstead Giant Strain, Finest Mixed.
Munstead Giant Strain, Yellow, Cream, or Red.
Polyanthus Colossus. 6 in. A magnificent new development of this old garden favorite, with flowers of exceptional size—often 2 inches across. They are produced in great numbers and display an immense variety of coloring from white to cream, yellow, scarlet, purple and crimson. Borne on strong stems, they are excellent for cutting as well as making a splendid show in the garden. 3 for \$1.75; 10 for \$5.25.

Platycodon • Balloon Flower

Grandiflorum. 2½ ft. Deep blue, cupped, star-shaped flowers. June to Aug.
Grandiflorum album. 2½ ft. A white form.
Grandiflorum Mareisi. 18 in. A useful dwarf variety for the foreground of the border. Blue. Blooms all summer.
 All above Platycodons, each 60c.;
 3 of one variety \$1.60; 10 for \$4.50

Grandiflorum fl. pl. A very desirable form, quite double and free flowering. Blue. June to Aug. Each 75c.; 3 for \$2.00.

Sheil-Pink. *New.* 18 in. Distinctive pale pink flowers. Blooms freely all summer. Each 75c.; 3 for \$2.00.



Physostegia

***Plumbago • Leadwort**

Larpentæ. Plant of dwarf, spreading habit, growing 6 to 8 inches high, covered with deep blue flowers. Aug.; Sept. Each 60c.; 3 for \$1.60; 10 for \$4.50.

Polemonium

Blue Pearl. Feathery foliage and dense masses of bell-like, lavender-blue flowers. 8 to 10 in. Apr., May. Each 70c.; 3 for \$1.60; 10 for \$5.00.

Physostegia • False Dragonhead

Rosy Spire. 3½ ft. Showy spikes of deep rosy crimson bloom. Sept.
Summer Snow. 3 ft. A new white variety; we need more spire-like flowers in summer gardens. July, Aug.
Vivid. 18 in. Ideal dwarf kind with deep pink bloom. Sept.
 All Physostegias, each 60c.; 3 for \$1.60;
 10 for \$4.50

Poppies are dug and shipped in fall only. No spring delivery.

Pulmonaria • Lungwort

Angustifolia azurea. Blue Cowslip. Grows about 1 foot high and is one of the first to bloom in early spring. Flowers are a deep gentian-blue. Each 70c.; 3 for \$1.60; 10 for \$5.50.

Pyrethrum • Painted Daisy

Pyrethrums are special favorites with us because of their simple beauty of form, their wide use as cut flowers, and their attractive appearance in the garden.

Single-flowering, Mixed. 2½ ft. A good old-fashioned perennial with flowers resembling colored daisies and blooming in June.

Double, Mixed. The flowers are freely produced on vigorous stems 2 feet high. Individual flowers are often 3 inches across, with full, rich contrasting centers.

All Pyrethrums, each 60c.; 3 for \$1.60;
 10 for \$4.50

Rosmarinus

Officinalis. Rosemary. A very fragrant herb. Likes a sunny location and ordinary soil. Each 60c.; 3 for \$1.60; 10 for \$4.50.

Rudbeckia

Purpurea, The King. A crimson-red form that can be combined effectively with White Lustre.

White Lustre. This new Rudbeckia we feel confident will take its place as an important addition in many perennial gardens. You can count on White Lustre to reach 3 feet in height. Blooms freely on sturdy stems from late June to September.

All Rudbeckias, each \$1.00; 3 for \$2.75



Platycodon (Balloon Flower)

Salvia • Sage

Azurea. 4 ft. The stems of each clump are terminated with loose panicles of sky-blue flowers. Aug., Sept.

Pitcheri. Similar to Azurea but of more branching habit and larger flowers of rich gentian-blue. 3 to 4 ft. Aug., Sept.

All Salvias, each 60c.; 3 for \$1.60; 10 for \$5.00

Santolina

Chamaecyparissus (*S. incana*). Lavender-Cotton. A useful plant for knot gardens; can be sheared. Gray foliage. Yellow flowers, June and July. 12 to 15 in.

Viridis. The plant is useful in the knot garden, a pleasing green in contrast to the gray of the above variety. Good as an individual specimen. 1 ft.

All Santolinas, each 60c.; 3 for \$1.60; 10 for \$4.50

★ Saponaria • Soapwort

Ocymoides splendens. 6 in. The dense masses of pink flowers which appear in late spring add color to the rock-garden. Each 60c.; 3 for \$1.60; 10 for \$4.00.

Scabiosa

Isaac House Giants. Lavender-blue flowers on strong 18-inch stems from June until September. Each 90c.; 3 for \$2.25; 10 for \$6.50.

Sedum

Spectabile. A pretty, erect-growing variety with broad, light green foliage, and immense heads of showy, rose-colored flowers during the autumn. 1½ ft.

Spectabile, Brilliant. A rich-colored form of the above, being a bright amaranth-red.

All Sedums, each 60c.; 3 for \$1.30; 10 for \$4.00



Salvia azurea

Spirea (Astilbe)

Astilbes are ideal, colorful perennials for shaded locations in the garden. They also do well in the sun. They prefer rather rich, moisture-retaining soil; watering is essential during dry weather. Plants bloom freely in June and July and the foliage remains attractive for the rest of the summer. Height about 2 ft.

America. Lilac-rose.

Gladstone. White.

Gloria superba. Deep rose-pink.

Peachblossom. Peachblossom-pink.

Rhineland. Bright crimson.

★ **Simplicifolia rosea.** An attractive dwarf species with pink flowers in June and July. Suitable for the shady rock-garden or border.

All Spireas, each 90c.; 3 for \$2.25; 10 for \$6.50

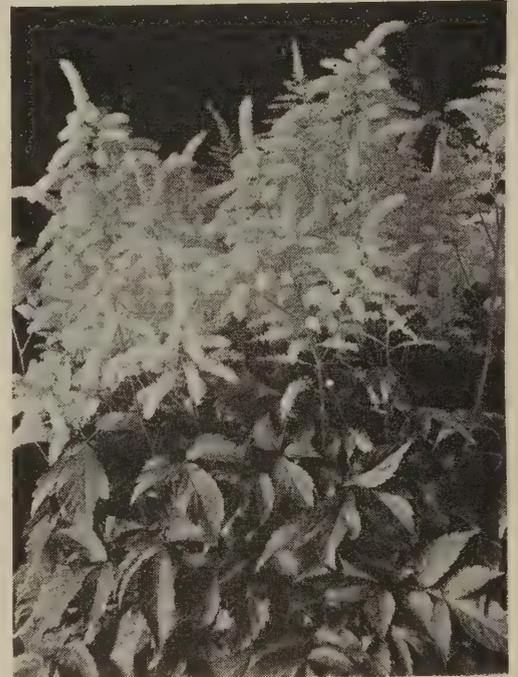
★ Statice (Limonium)

Sea-Lavender

Latifolia. Great Sea-Lavender. Handsome plants with heads of dark blue flowers that when dried last for months. 1 to 2 ft. July, Aug. Each 60c.; 3 for \$1.60; 10 for \$5.00.

Stokesia • Cornflower Aster

Blue Moon. 1½ ft. A new and striking giant-flowering form of lavender-blue. July, Aug. Each 60c.; 3 for \$1.60; 10 for \$5.00.



Spirea (Astilbe)

Thermopsis

Caroliniana. Bright yellow, pea-shaped, lupine-like flowers. 3 ft. June, July. Each 60c.; 3 for \$1.60; 10 for \$4.50.

Tradescantia • Spiderwort

Ideal plants for shady locations. The common old-fashioned forms were known to our grandmothers, who had many names for them. The hybridizers have been at work improving them not only in color and size of bloom, but they have considerably lengthened the period of bloom.

NEW TRADESCANTIAS

Sent out by the U. S. Department of Agriculture.

The descriptions are those of the Department. Height 15 to 20 inches. Bloom throughout the spring and summer.

Blue Stone. Low-growing. Large rich blue flowers.

Iris Pritchard. White flowers, heavily stained with azure-blue; blue center. Late bloomer.

James Stratton. A variety with large flowers, 2½ inches from tip to tip; color deep delphinium-mauve, slightly shaded with rose.

Pauline. Flowers are rosy mauve. Vigorous.

Purple Dome. A vigorous plant with large clusters of rich purple flowers.

A single plant of any variety, 70c.;

3 of one variety \$1.80; 10 for \$5.00

Trollius

All Trollius prefer rather rich and moist soil and at least partial shade. These giant buttercup-like flowers are very showy and create much interest.

Europæus, Pritchard Giant. Showy, very large, globe-shaped, orange flowers on 2-foot stems during May and June and occasionally again in the fall.

Europæus, Lemon Queen. 3 ft. Similar to the above but with lemon-colored flowers.

Ledebouri, Golden Queen. 3 ft. A handsome variety with large open flowers of beautiful golden yellow. In bloom about three weeks later than Lemon Queen. See color illustration, facing page 57.

All Trollius, each 90c.; 3 for \$2.25; 10 for \$6.00



Sweet William (Dianthus barbatus)

Sweet William

Dianthus barbatus

All flower in June and grow 18 inches high.

Pink Beauty. Sometimes called "Newport Pink." An excellent shade of salmon; immense flower trusses.

Scarlet Beauty. A deep scarlet shade.

White.

Mitchell's Prize Mixture. All colors.

All Sweet Williams, each 50c.; 3 for \$1.30; 10 for \$4.00

Thalictrum

Lavender Mist. 4 ft. A new Meadow-rue with foliage like that of a maidenhair fern, delicate and beautiful. The large, loose flower-heads of lavender-purple are lovely. Grows in sun or part shade. Blooms in June and July. Each 75c.; 3 for \$2.00.

You will go far to find a better ground carpet than Vinca



Tritoma Pfitzeri

Tritoma • Red-Hot Poker

These striking spire-like blooms make effective accents in the perennial border and are charming in flower arrangements. Plant in a well-drained, sunny place and give the plants a light mulch of excelsior or any other suitable material for winter protection.

Golden Sceptre. Its saffron-yellow, 3-foot spikes create a fine display in summer. Vigorous grower.

Pfitzeri. The everblooming Tritoma. Bright orange-scarlet flowers with salmon-rose edges. Fine for cutting. 3 ft. July, Aug.

Primrose Beauty. Clear primrose-yellow. A graceful plant, flowering late in the summer. 3 ft.

Robin Hood. *New.* Orange-scarlet. Destined to become one of the most popular Tritomas. 3 ft. July, Aug. Each \$1.00; 3 for \$2.75.

White Giant. An outstanding novelty with extra-large, creamy white blooms. Produces almost continuously the entire summer. 3 to 4 ft. Each \$1.00; 3 for \$2.75.

All Tritomas, each 75c.;
3 for \$2.00, except where noted

Tunica • Tunic Flower

Saxifraga alba flore-pleno. 6 in. A rare new double white form. Blooms all summer.

Saxifraga rosea flore-pleno. 6 in. Lovely double rose-pink flowers from June to November, like a tiny baby's breath.

All Tunicas, each 60c.; 3 for \$1.60; 10 for \$4.50

Valeriana

Coccinea (*Centranthus ruber*). 18 to 24 in. A grand border plant. Showy rose-colored flowers produced freely in May and June, with few flowers appearing all through the summer.

Coccinea alba. A lovely white-flowering form.

Officinalis. Hardy Garden Heliotrope. 3 to 4 ft. Produces, during June and July, showy heads of rose-tinted white flowers, with heliotrope odor.

All Valerianas, each 60c.; 3 for \$1.60;
10 for \$4.50

Verbascum • Mullein

For many years first in English gardens, these spire-like perennials are a welcome addition to American gardens, producing an abundant display of color in the summer. 3 ft. tall.

Cotswold Gem. Tall, slender, branching spikes of soft amber-yellow flowers with purple centers. Blooms from July through September.

Cotswold Queen. A lovely Mullein with tall spikes of old-rose and buff-pink flowers. A fine background and border plant. July to Sept.

All Verbascums, 70c. each; 3 for \$1.80;
10 for \$5.50

Veronica • Speedwell

Blue Spire. A hybrid of *V. longifolia subsessilis* and *V. spicata* which has retained the glorious dark color of *Subsessilis*. 2 ft. July, Aug. Each 75c.; 3 for \$2.00; 10 for \$5.00.

★**Incana.** Bright silvery foliage with spikes of amethyst-blue flowers during July and August. 1 ft. Each 60c.; 3 for \$1.60; 10 for \$4.50.

Longifolia subsessilis. Japanese Speedwell. The handsomest blue-flowered plant we know, growing to a height of 2 feet and completely studded with its spikes of blue flowers; fine for cutting. Aug. to Oct. Each 60c.; 3 for \$1.60; 10 for \$5.00.



Valeriana officinalis

★ Vinca

Periwinkle, Trailing Myrtle

The Periwinkles are suitable to grow as edgings to shrubbery borders, as a carpet for the ground under the shade of trees, or in shady borders.

Bowles Variety. The foliage is a rich glossy green, of strong texture. Flowers are large, of a deeper rich blue and are borne with remarkable profusion. Each 50c.; 3 for \$1.30; 10 for \$4.00; 100 for \$30.00.

Special Notice On Guarantee

We spare no effort to supply all plants, shrubs, roses, vines, etc., of the best quality. The many causes beyond our control do not permit us to guarantee the life of this stock. That is entirely within the power of the buyer or planter. However, we will gladly replace any plant or shrub damaged in transportation if the Railway Express receipt is marked "damaged" and returned to us.

★ Viola odorata • Sweet Violet

Double Russian. 9 in. Perfectly hardy anywhere, producing double, sweet-scented flowers in abundance. Deep violet-blue.

Royal Robe. 9 in. A distinct addition to the Violet family that deserves a place in your shady rock-garden or as a ground-cover. Flowers are a lustrous shade of violet-blue. A dozen of these plants will furnish quantities of bloom during early winter and early spring.

All above Violas, each 60c.; 3 for \$1.60;
10 for \$5.00

★ Viola cornuta • Tufted Pansies

Catherine Sharp, Improved. 6 in. A splendid hardy blue Viola. The large flowers are carried on long, stiff stems well above the foliage. The brilliant yellow eye gives the lovely flower additional sparkle. Does well in light shade and is fine in the rock-garden. Blooms all summer.

Jersey Gem. Without doubt the best bedding Viola yet introduced, flowering continuously from April until heavy frost. Flowers pure violet, on stems about 6 inches long.

Purple Heart. Pat. 671. Its long stems and large, heart-shaped, purple flowers lend themselves to ideal flower arrangements. Each \$1.20; 3 for \$3.50; 10 for \$10.00.

Velvet Giant. Another new Viola that you will want. The gigantic blooms are almost 2 inches across. Velvety purple with a glowing sheen. Blooms continuously all summer. One of the largest Violas so far introduced. Each 90c.; 3 for \$2.50; 10 for \$7.50.

Wedgwood. One of the best, producing beautiful Wedgwood-blue flowers.

Yellow Queen. Another large-flowered type with deep pure yellow flowers.

All above Violas, each 60c.; 3 of one variety \$1.60; 10 for \$4.50, except where noted



Viola, Purple Heart



A Beautiful Rose-Garden

Michell's Hardy Garden Roses

GENERAL LIST OF HYBRID TEAS—Monthly Blooming

Dormant Stock can be shipped up to April 15. Each \$1.50; doz. \$15.00
 Pot-Grown Roses available in May and June. Each \$1.75; doz. \$18.00

SPECIAL OFFER: 6 Varieties Marked* for \$7.50
 Please Ask for Collection No. 9

The Above Collection, Pot-Grown for delivery in May or June, for \$9.00
 Please Ask for Collection No. 9A

Caledonia. Large, very double, high-centered flower of pure white, borne singly on long, strong stem. Average plant with leathery, dark green foliage.

***Christopher Stone.** Bright velvety scarlet-red flowers of good form. Its golden stamens appear as the bloom opens. Damask fragrance. Vigorous, upright grower, free flowering, and does not appear to be troubled by heat.

Contrast. The reverse of the petals is milk-white with basal bronze shading, the upper face a superb shade of orange-rose. Flowers full petaled, fairly fragrant, produced in enormous quantity. Fine for cutting purposes.

Crown of Gold. Golden yellow flowers of very fine form, lasting exceptionally well under trying hot conditions. One of the best of the older yellows. Good grower and free blooming.

Etoile de Hollande. This Rose charms continuously with its delightful crimson color. One of the finest, most richly fragrant, everblooming red Roses.

Golden Rapture. Golden yellow. Bud pointed; flowers very large, clear golden yellow with old Rose fragrance. Foliage large and glossy.

***Golden Sastago.** Buttercup-yellow. A sport of the great Condesa de Sastago. This gleaming yellow fragrant flower is a continuous joy to the gardener. Of fine, upright form, it is noted for robust growth and freedom of bloom.

Grenoble. Vigorous, free-blooming plants loaded with rich crimson buds which open to highly attractive, brilliant red blooms closely approaching pure scarlet in color.

Joanna Hill. Yellow. Buds of orange-yellow open to large double flowers with an orange center, paling to cream color at the edges of the petals. Borne on long stems and very popular for cut-flowers.

Kaiserin Auguste Viktoria. Creamy buds and perfect, snow-white blooms tinted lemon-yellow at center; fragrant. Medium, upright growth.

***McGredy's Ivory.** Lovely large flowers of beautiful double form and moderately fragrant. The color is soft delicate creamy white merging into yellow at the base. Vigorous, disease resistant, and a prolific bloomer.

Miss Rowena Thom. Rose-pink. Healthy, vigorous, free blooming like its parent, Radiance. Long-pointed buds; fine form.

Mrs. E. P. Thom. Long, shapely buds of large size, developing into full, double flowers of deep lemon-yellow, sweetly scented.

Mrs. Lovell Swisher. Delightful flesh-pink flowers, shaded salmon; coppery salmon buds.

Pink Dawn. A beautiful Hybrid Tea Rose with deep rose buds opening to pink blooms tinted with orange at the base of the petals. Sweetly fragrant, fully double, and of vigorous, upright habit.

***Poinsettia.** Semi-double flowers of a bright rich scarlet produced freely all season on vigorous plants of fairly tall growth. Rich Tea fragrance.

***President Herbert Hoover.** Large flowers of flaming scarlet and yellow in the bud, opening to soft creamy yellow with scarlet markings. Extra vigorous plants with flowers on 2-foot stems.

President Macia. Pink. Imagine the longest Rose-bud you ever saw, of a lovely shade of pink, marked with heavy veins of darker pink, and each of the perfect buds on a splendid stem for cutting. When open, the face of the petals is pale flesh, warmed with a yellow flush toward the base, the reverse the rich pink of the buds. Fruity scent.

Radiance. The two-tone pink, cupped flowers have a pungent, true Rose fragrance. In continuous demand on account of its vigorous, healthy growth and remarkable freedom of bloom.

Red Radiance. Counterpart of Radiance from which it is a sport, possessing all of the good points of that variety but differing in color, which is a bright cerise-red.

Rose Marie. Beautiful long buds which open into large flowers of perfect form. Clear rose-pink. An old favorite.

Soeur Therese. Candelabra (not clusters) of five to fifteen flowers forming on top of sturdy canes that hold the blooms erect. Buds are marked with carmine but the open blooms are clear yellow.

Talisman. Its combination of apricot, gold, and deep rose-pink gives a glittering mass of color over a long period of time.

***The Doctor.** Immense, long-pointed buds of sparkling pink slowly opening to great flowers 5 to 6 inches across. Exquisite satiny, silvery pink. Fragrance is intense. Spreading growth. 23 petals. Internationally recognized as an outstanding Rose.

FOR CLIMBING ROSES SEE
 PAGE 75

Novelty Garden Roses

MONTHLY-BLOOMING PATENTED HYBRID TEA ROSES

Dormant Stock can be shipped up to April 15. Each \$2.00; doz. \$21.00, except where noted
Pot-grown Roses available in May and June. Each \$2.25; doz. \$24.00, except where noted

SPECIAL OFFER: 4 Varieties Marked* (Please Ask for Collection No. 10) for \$7.50

The above collection, Pot-grown for delivery May-June (Please Ask for Collection 10A) for \$8.50

Anzac. Pat. 636. Exceptionally hardy and very easy to grow. The flowers are coral-rose with a golden yellow sheen at the base of the petals. A profusely blooming novelty that will become highly popular.

***Butterscotch.** Pat. 613. The length and grace of the petals are outstanding. The outside is soft, pale orange-yellow; the inside lemon-chrome at the base, changing to pale yellow-orange, penciled very lightly with orange-buff.

California. Pat. 449. A sensational novelty. Color is a glorious shade of ruddy orange toned with saffron-yellow. Growth vigorous, with healthy, glossy green foliage.

California Centennial. Propagation Rights Reserved. A new, intensely fragrant, glowing crimson Rose. The flower shoots break away well down on the parent canes, affording stems 18 inches or more in length, crowned with long, spiral crimson buds of elegant texture.

Carrie Jacobs Bond. Pat. 158. A magnificent Rose with large, double blooms of an entrancing rich deep rose color enhanced by a luminous coral sheen. Moderately fragrant.

Charlotte Armstrong. Pat. 455. Long, slender, rose-red buds open to extra-large blooms of deep, glowing rose, sometimes very dark rose-red. Handsome, upright plants with long, strong flower stems. A superior Rose that is always beautiful everywhere.

Commando. Pat. 702. A large flower with 30 to 35 petals, unfolding from a long-pointed bud. The color is orange-buff suffused pink. Leathery, glossy foliage on an upright, very bushy plant.

***Crimson Glory.** Pat. 105. Glorious in its perfect form, its size, and its fragrance. Deep vivid crimson, shaded oxblood-red and finished with a velvety nap. Still "tops" among red Roses. Flowers late into the fall.

***Douglas MacArthur.** Pat. 581. A strong-growing variety with good healthy foliage and the rugged qualities lacking in so many Hybrid Tea Roses. The color is somewhat difficult to describe; rose, gold and salmon are blended into a fine tone.

Edith Willkie. Pat. 500. The deep jasper-red flower bud is high and pointed. As the petals unfurl they show an inside surface of vivid shrimp-pink with lemon yellow base.

Forty-Niner. Pat. 792. All-America Award Winner for 1949. This brilliantly bicolored Rose has rich chrome-yellow on the outside of the petals, sometimes overlaid with pink changing to straw color in the open bloom. The inside is vivid Orient red turning to cherry-red with age. The plant is vigorous and upright in growth. Dormant plants, each \$2.50; pot-grown, each \$2.75.

Fred Edmunds. Pat. 731. Burnt-orange buds open to 50-petaled blooms of vivid, glowing copper-orange, one of the most brilliant and beautiful of Roses. Fruity fragrance; very shiny foliage.

***Good News.** Pat. 426. Full, perfectly formed, tea-scented flowers of peach-pink changing to silvery pink. Vigorous grower and constant bloomer. An extra-good Rose.

Heart's Desire. Pat. 501. In this new Gold Medal variety your heart's desire for a red Rose bordering on perfection will be attained. Large and double, with wonderful fragrance.

Mirandy. Pat. 632. Large, very double, rich maroon-red blooms. Among the finest red Roses in the world. The plant is strong, free branching, with heavy stout stems, and keeps producing its glorious flowers freely all season against a background of dark green foliage.

Mme. Chiang Kai-shek. Pat. 664. This Rose has been named in honor of the First Lady of China. Long spiral buds unfurl slowly, culminating in light clear yellow flowers of perfect proportions.

Nocturne. Pat. 713. Cardinal-red shaded crimson—a rich, glowing color. Large, cupped flower, long pointed in the bud stage. A very strong, upright grower to 3 or 4 feet. Blooms freely all summer.

Peace. Pat. 591. Very large, full-petaled flowers of soft yellow suffused and edged pink. Distinctive and charming. A much sought-for Rose. Very popular.

Pearl Harbor. Pat. 637. Flowers are borne on vigorous canes without thorns. The buds are long pointed. The upper surface of the petals is delicate shell-pink with golden bronze shading at base; the reverse is vivid Tyrian-rose.

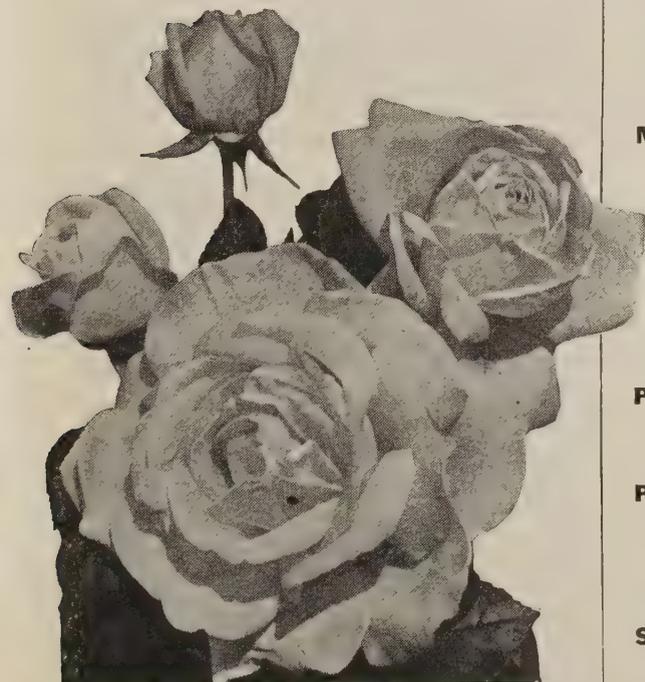
Santa Anita. Pat. 539. A lovely Rose. Perfectly formed, long-pointed buds unfold into beautiful flowers of crystal-clear peach-blossom-pink.

San Fernando. Pat. 785. The introduction of this grand Rose is an important milestone in the production of better red varieties. Competent judges who have seen this elegant red Rose in bloom rank it high. The bright vermilion buds are long and pointed, opening into fully double flowers of vermilion-scarlet. In addition to the lovely form and brilliant color, San Fernando has another outstanding quality—intense and lasting fragrance.

Sleigh Bells. Propagation Rights Reserved. At last, a white Rose that really grows and blooms and blooms and blooms. The large, ovoid buds are borne singly on long stems and are produced so freely that you can gather quantities for the table. Flowers open gradually into blooms of great size, with 40 or more petals of heavy substance, and are lovely in all stages.

Taffeta. Pat. 716. Outstanding in its ability to produce long-stemmed, perfectly formed, fragrant buds in the rich pink and salmon tones which almost everyone likes. At various times it is rose-pink, salmon, or apricot, but the predominant color is usually rich carmine-rose in the bud, changing to begonia-rose in the open flower. The reverse of the petals always displays considerable yellow.

Tallyho. Pat. pending. New All-America Award Winner for 1949. The robust-growing Tallyho has a unique color—a delightful shade of pink on the inside of the petals, while the outside varies from crimson to cardinal-red. The buds are ovoid, opening to long-stemmed, full flowers with a pungent, spicy fragrance to add to their popularity. Dormant plants, each \$2.50; pot-grown, each \$2.75.



Rose, Peace



Rose, Douglas MacArthur

Michell's Hardy Garden Roses

FLORIBUNDA ROSES

Large-Flowering Polyantha Varieties

Dormant Roses will be shipped up to April 15. Pot-grown Roses to be shipped during May and June.

Cheerio. A Rose of outstanding merit whether used for mass planting in beds or borders or as an accent in the garden, carrying a super-abundance of brilliant double flowers, gracefully arranged. The petals are clear mallow-pink shading to Tyrian rose at the base, with the reverse luminous rose-madder. Dormant plants, each \$1.50; pot-grown, each \$1.75.

Crimson Rosette. Clusters of brilliant red Roses cover the dark green, heavily foliaged bushes in a continuous display of velvety red. The medium-sized 50-petaled buds expand slowly, finally cluminating in open flowers of vivid crimson. Dormant plants, each \$2.00; pot-grown, each \$2.25.

ALL PRICES SUBJECT TO MARKET CHANGES

Floradora. Bright cinnabar with shades of scarlet and geranium-red. It can be matched only by the most brilliant azaleas which bloom for two weeks in the spring, while the vivid, exciting blooms of this new Rose are borne continuously for five months in the year. Dormant plants, each \$1.75; pot-grown, each \$2.00.

Fluffy Ruffles. A charming large-flowered cluster Rose. Silvery pink, semi-double, in compact trusses. Dormant plants, each \$1.50; pot-grown, each \$1.75.

Glorious. The extremely vigorous bushes are well branched, with strong canes that divide into many open sprays. Informal clusters of deep vermilion buds, expanding into semi-double flowers of Tyrian rose. Dormant plants, each \$1.75; pot-grown, each \$2.00.

Improved Cecile Brunner. Charming light pink flowers, shading into yellow at the base. Dainty in size and lovely in color. It is the perfect Rose for nosegays and corsages, also splendid for borders and massing. Dormant plants, each \$1.50; pot-grown, each \$1.75.

Ming Toy. A new Polyantha Rose. The 50 or more petals are so precisely placed that the high-centered, brilliant rose flowers may be fairly compared with the finest camellias in form. The rugged plants abound with health, which accounts for the constant production of bloom. Dormant plants, each \$1.75; pot-grown, each \$2.00.

Orange Triumph. Large, double, scarlet-orange flowers, combined with good, glossy foliage. Dormant plants, each \$1.50; pot-grown, each \$1.75.

Pink Rosette. The open sprays bearing many pure peach-pink buds with 50 or more shell-like petals, are streamlined and unfold to open flowers of perfect proportion and form. Dormant plants, each \$2.00; pot-grown, each \$2.25.

Red Ripples. A joyous color, an intense scintillating red that seems to sparkle on the wavy-petaled flowers. Dormant plants, each \$1.50; pot-grown, each \$1.75.

Rosenelfe. Graceful clusters of dainty La-France-pink flowers superbly suited for cutting and table ornament. The handsomely shaped, small buds or open blooms lend themselves perfectly to any kind of decoration. In the garden they never fail to draw attention. Color holds up well in hottest sun. A fine grower, with excellent foliage. One of the best in this group. Dormant plants, each \$1.50; pot-grown, each \$1.75.

White Finch. Pat. 277. The fine clusters of flowers are pure white. Especially valuable for contrasts such as in combination with Ming Toy or Floradora. Dormant plants, each \$1.50; pot-grown, each \$1.75.

The pot-grown plants we send out have already been pruned and arrive with a ball of earth around the roots; this ball should not be disturbed but should be thoroughly wet when planted.

HOW TO PLANT A ROSE BUSH

1. Dig the hole large enough to accommodate the root system without crowding. Remove any bruised or broken roots.

2. Spread out the root system and adjust the height so that the bud-union will be slightly below the natural ground level. Work the pulverized soil carefully around the roots so that no air spaces are left.

3. Fill in soil to cover the roots and firm. Fill the hole with water and allow to drain away before filling in with the remainder of the soil.

4. Mount soil high around the stems for protection until growth starts; then remove carefully.



Border of Polyantha Roses

Garden Roses



Hardy Climbing Rose, Mme. Gregoire Staechelin



Tree Rose

Hardy Climbing and Rambler Roses

On the Ramblers, or small-flowered cluster type, the old canes should be removed at the base as soon as they finish blooming and the new canes trained into place for next year's bloom.

Dormant plants until April 15, each \$1.75, except where noted

Pot-grown for delivery in May and June, each \$2.00, except where noted

Blaze. Pat. 10. Scarlet-crimson blooms. Blooms repeatedly during the season after the plant becomes well established.

Doubloons. Pat. 152. A lovely climbing yellow Rose, noted for hardiness and vigorous, healthy growth, and furnished with dark green, leathery foliage. The shapely buds open to large, firm-textured blooms of saffron-yellow with clean, spicy fragrance.

Easlea's Golden Rambler. Pat. 114. This is without question the most outstanding yellow climbing Rose. The blooms are arranged in large clusters enhanced by pleasing rich fragrance.

Mary Wallace. Large, pink flowers with a luminous sheen. Strong growth.

Mme. Gregoire Staechelin (Spanish Beauty). A vigorous grower, with good foliage. Shapely, semi-double, fragrant flowers of an iridescent pink tipped with crimson.

New Dawn. Blush-pink, everblooming.

Paul's Scarlet Climber. No other Rose in any class can compare with it for brilliancy of color, which is a vivid scarlet maintained without burning or bleaching until the petals fall. Dormant plants, each \$1.50; pot-grown, each \$1.75.

Silver Moon. Midseason white. Great silvery white, semi-double blooms, with a foil of dark leathery foliage. Dormant plants, each \$1.50; pot-grown, each \$1.75.

Everblooming Climbing Hybrid Tea Roses

These bear huge crops of Hybrid Tea flowers all season. Gems everywhere if they can be grown in a sheltered spot or given winter protection according to the climate.

Dormant plants, each \$2.00; pot-grown plants, each \$2.25.

Cl. Carrie Jacobs Bond. Deep rich rose.

Cl. Gold Rush. Handsome yellow.

Cl. Hadley. Crimson-red.

Cl. K. A. Viktoria. White.

Cl. Mrs. E. P. Thom. Yellow.

Cl. Radiance. Pink.

Cl. Red Radiance. Red.

Hardy Miniature Roses

For the Rose garden in the window or porch-boxes. They will bloom indoors for weeks under an inverted jar or glass globe before time to plant them in the garden.

Midget. Pat. 466. The tiniest rose-red, full double miniature Rose. Almost thornless. Each 90c.

Pixie. Pat. 408. The world's smallest double white Rose. It is very double, with 40 or more tiny petals marvelously packed in each little bloom. In cool weather they show a dainty flush of pink. Each 90c.

Rouletti. Small, rose-pink, double flowers about an inch in diameter. Each 90c.

Sweet Fairy. Pat. 748. *New.* The first miniature with a true Rose fragrance. Dainty, dark pink buds open to charming, very double, 1-inch blooms of apple-blossom-pink. Each \$1.25.

Tom Thumb. Pat. 169. Deep crimson buds growing slightly lighter as the blooms open, later disclosing a white eye in the heart of each flower. Each 90c.

Tree Roses

Plant Tree Roses as accents in Rose beds, at either side of steps in the perennial or annual flower border to relieve flatness, in the shrub border to prolong color. There are many spots in every garden that can be improved by the use of one or more Tree Roses.

These well-formed Tree Roses will bloom the first summer after spring planting, like the bush Hybrid Teas.

Bicolor.
White.

Pink.
Yellow.

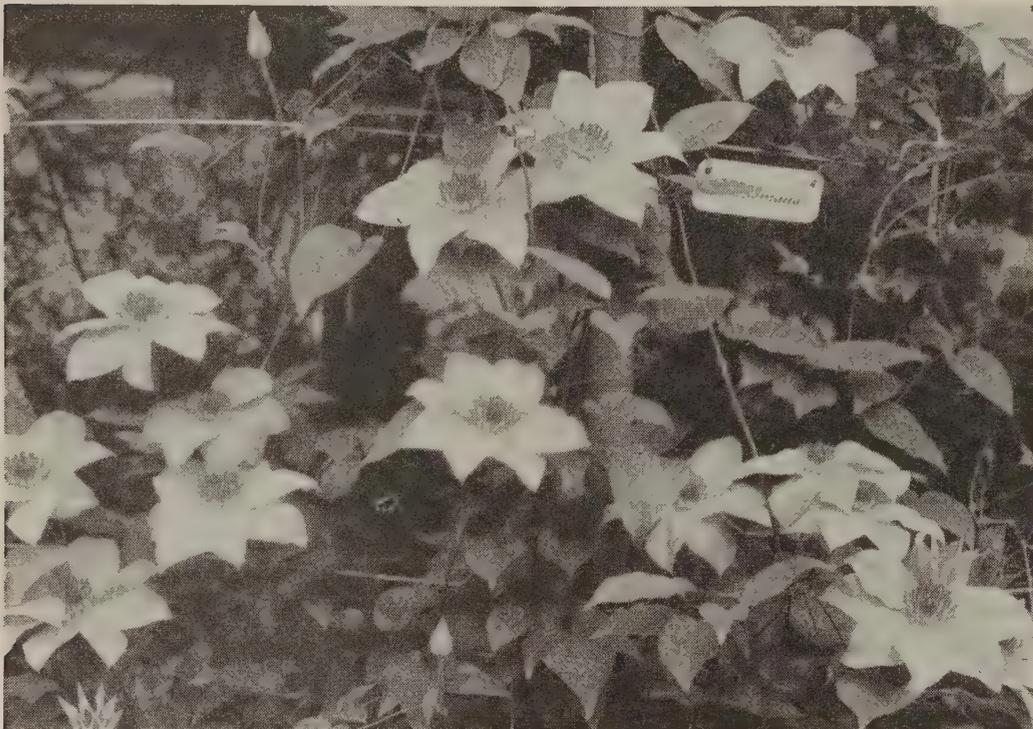
Red.

Pot-grown plants, each \$5.00.



Miniature Rose, Rouletti

Clematis, A Garden Treasure



Clematis, Lawsoniana

JACKMANI HYBRIDS

These large-flowered climbing forms produce their bloom in summer and early autumn successionally on new and summer growth. The plants reach a height of 10 to 15 feet and are noted for their profuse bloom.

Jackmani. Perhaps the most familiar of all the Clematis hybrids. Violet-purple blooms. June, Oct. Each \$1.00.

Jackmani rubra. The well-shaped flowers are unusually rich red. June, Oct. Each \$1.50.

Mme. Baron-Veillard. The latest to flower of these hybrids. Warm lavender in color. Each \$1.25.

Mme. Edouard Andre. Bright velvety red in color. June, Oct. Each \$1.25.

VITICELLA HYBRIDS

The plants produce their flowers on summer shoots and can be pruned vigorously in early spring.

Ascotiensis. Azure-blue. July, Oct. Each \$1.25.

Huldine. A translucent white variety with mauve-pink markings. R.H.S. Award of Merit, England. July, Oct. Each \$1.50.

ON GROWING CLEMATIS

Soil. A rich well-drained loam, loosened by the addition of sand or peat-moss, is best. Make certain that the collar of the plant is set 2 to 3 inches below the surface of the soil. Firm the soil well around the roots. Water frequently in dry weather.

Location. A partially shaded location with 5 to 6 hours' sunshine is ideal. If planted in full sun provide a cool root-run by a good summer mulch of some loose material such as peat, straw, rotted manure, etc.

ALL PRICES SUBJECT TO MARKET CHANGES

LANUGINOSA HYBRIDS

Often spoken of as the Woolly-leaved Clematis. The original form came to us from China almost a hundred years ago. These climbing forms produce large flowers in summer and autumn, usually on short lateral summer shoots. The flowers are well dispersed on the plants, which reach a height of 10 to 12 feet.

Crimson King. Large bright red flowers. June, Oct. Each \$1.50.

Henryi. A familiar variety with unusually large white flowers. June, Oct. Each \$1.25.

Lawsoniana. An unusually large, bright blue flower. Always a colorful favorite. June, Oct. Each \$1.25.

Ramona. Large lavender-blue flowers. June, Oct. Each \$1.00.

CLEMATIS SPECIES

For the most part, the species and varieties listed here are small-flowered types producing their flowers in summer and autumn, usually on summer shoots, hence they can be pruned vigorously in early spring.

Paniculata. It is hardly necessary to more than mention this small white star-shaped flowering form which is known everywhere. 15 to 18 ft. Sept., Oct. Each \$1.00.

Fertilizing. Well-rotted manure is preferred with any well-balanced plant-food as a good second. Work it well into the soil without disturbing the roots. Use a little lime occasionally.

Trellis. Provide a support at once—a trellis, wire netting, old stumps, low shrubs, or stone walls.

Winter Mulch. With fall planting of Clematis use a mulch of straw, leaves, or peat moss for the first winter to prevent the soil from freezing and thawing, which sometimes damages the stems if they are unprotected.

Climbing Plants

AMPELOPSIS quinquefolia. Virginia Creeper. Especially adapted to covering stumps and trunks of trees. Extra-strong plants, each 75c.; 3 for \$2.00; doz. \$7.00.

A. Veitchi. Boston Ivy. The popular climber for brick and stone buildings and walls. Leaves deep green which turn to a coppery red in autumn. Strong plants, each \$1.00; 3 for \$2.75; doz. \$10.00.

ARISTOLOCHIA Sipho. Dutchman's-Pipe. Quick-growing vines with handsome light green leaves that give a quick, dense shade. The brown flowers are shaped like the bowl of a pipe. July. Each \$1.75.

BIGNONIA radicans grandiflora. Trumpet Vine. A strong-growing vine with rich green foliage and trumpet-shaped, dark red flowers with throats shaded orange. Free flowering. July, Aug. Strong plants, each \$1.00.

CELASTRUS scandens. Bittersweet; Waxwort. Rapid-growing vine that in early summer produces yellow flowers, which by autumn have turned to bright orange-colored fruits, with red markings. Extra-strong plants, each \$1.00.

IVY, ENGLISH (Hedera Helix). Plants from 2½-in. pots, doz. \$3.50; 100, \$25.00. Plants from 4 to 5-in. pots, 30 in. high, each \$1.00; doz. \$10.00.

LATHYRUS. Hardy Pea. An excellent plant for training on pillars, columns, and similar places. It flowers during the greater part of the summer.

L. latifolius. Rich red.

L., Pink Beauty. Beautiful rose-pink.

L., White Pearl. Giant trusses of pure white flowers. Each 50c.; doz. \$ 5.00.

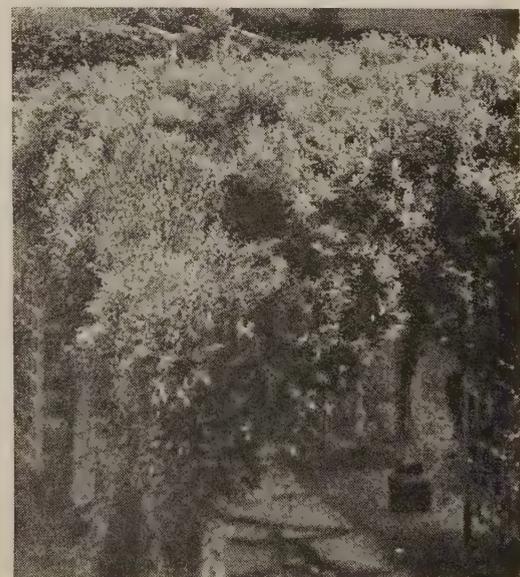
LONICERA japonica Halliana. Hall's Honeysuckle. Flowers pure white, turning to yellow. Hardy evergreen. Blooms from June until frost. Each 60c.; doz. \$6.00.

L. Heckrotti. Flowers purple outside and yellow inside. Blooms all summer. Each \$1.50.

POLYGONUM Auberti. Chinese Fleece-vine. Perfectly hardy and a quick grower, a small plant making 25 to 30 feet of growth the first summer. Long clusters of snowy white flowers which turn rose-color with age. It will not cling to the wall. Extra-strong plants, each \$1.00; 3 for \$2.75.

WISTERIA, Purple. Somewhat fragrant blooms. Extra-strong plants, each \$1.25.

W., Attractive Pink. Extra-strong plants, each \$1.25.



Polygonum Auberti

Michell's Select Fruits



DELICIOUS APPLE

APPLES

Apple varieties may be classified roughly as self fruitful, partially self fruitful, and self unfruitful. Delicious and Wealthy are two good self-pollinators. Include these varieties with others of your choice from the list below.

- Delicious.** A good late variety with rosy red fruit of good size. Truly delicious.
- Grimes Golden.** Late. Good size; yellow, and of fine flavor.
- Jonathan.** Winter. Fruit medium to large; brilliant red; flesh juicy, fine grained, tender and very highly flavored. Bears heavy crops every year, and comes into bearing early.
- McIntosh.** Winter. Medium size; nearly covered with bright red; flesh white, tender, juicy, sub-acid. Hardy, vigorous, healthy.
- Rome Beauty.** Late. Yellow shaded red; solid and juicy.
- Stayman's Winesap.** The best winter variety. Large, juicy, semi-sweet. Fine for eating and cooking. Prolific.
- Wealthy.** Late. Round, red, sweet. A good keeper.
- Yellow Delicious.** Winter. Tree comes into bearing early, producing heavy crops. Very thrifty, hardy, and a vigorous grower. A golden Apple which has won fame as an outstanding commercial variety.
- Yellow Transparent.** Early and desirable. Good color; juicy and semi-sweet.

Apple Trees 5 to 6 ft., each \$2.50;
doz. \$27.50

Quick-crop size: 6 to 7 ft., each \$5.00

CRAB APPLES

Hyslop Crab. Large, round, deep red fruit. The best variety for jelly. Sept.

Crab Apple trees, 5 to 6 ft., each \$2.50; doz. \$27.50

Quintuplet Apple Trees

1/2-1 in. cal. and up.

The popular 5-N-1 Apple varieties on each tree: **Anoka, Red Jonathan, Red Delicious, Yellow Delicious and Transparent.** Each \$6.00.



EARLY RICHMOND CHERRIES

APRICOTS

Early Golden. Orange-yellow, with faint blush; firm, coarse flesh. One of the best. Few varieties equal in lusciousness the fresh fruit of the Apricot. Should be planted more generally where there is room for trees. 4 to 5 ft., each \$3.00.

CHERRIES

Sweet Cherries need cross pollination; use two varieties. Sour Cherries are satisfactory when planted alone.

- Black Tartarian.** Sweet. Very large; black; rich and juicy.
- Early Richmond.** Sour. An early variety of medium size; dark red fruit. Early June.
- Montmorency.** Sour. Large, dark red fruit, about 10 days later than Richmond.
- Napoleon (Royal Ann).** The best and most profitable yellow sweet Cherry. Flesh very firm, juicy, and delicious.

All Cherry trees, 4 to 5 ft., each \$3.00;
doz. \$33.50

Quick-crop size, 5 to 7 ft., each \$6.00

PEARS

Most varieties of Pears are self unfruitful, or self incompatible, even though they bear excellent pollen. Duchesse d'Angouleme has proved to be a desirable pollinator for the other varieties that we offer. Bartlett and Seckel will not cross pollinate; use Duchesse d'Angouleme if either or both of the above two are being planted.

Summer Varieties

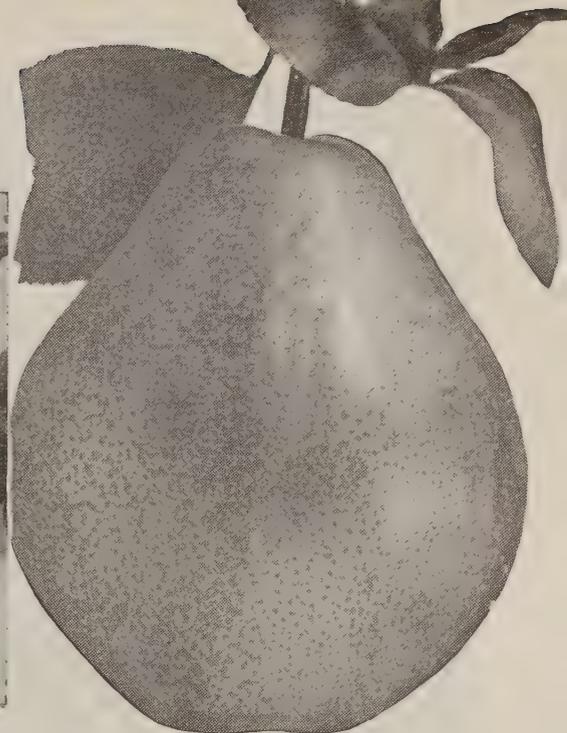
- Bartlett.** An old favorite. Juicy, well flavored and a good bearer. Aug.
- Clapp's Favorite.** A fine large yellow variety stained red; flesh fine-grained. Aug.

Fall Varieties

- Anjou.** Fruit large and handsome, yellow with red blush; flesh of good flavor. Late keeper. Oct.
- Duchesse d'Angouleme.** Large; flesh buttery, rich, and juicy. A good standard variety. Fine keeper. Oct.
- Kieffer.** Late. Rather coarse-grained, but when well ripened is good for both eating and preserving. Good keeper. Oct.
- Seckel.** A well-known, dark brown, small variety; flesh very sweet and juicy. Oct.

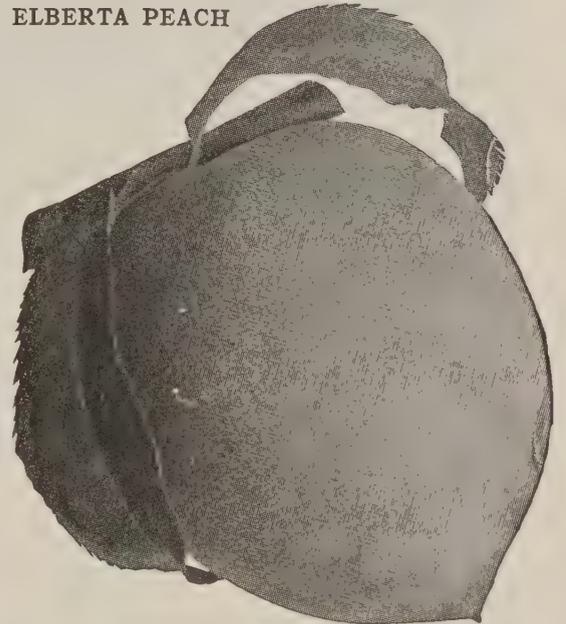
All Pear trees, 5 to 6 ft., each \$3.00;
doz. \$33.50

Quick-crop size, 6 to 7 ft., each \$6.00



KIEFFER PEAR

ELBERTA PEACH



PEACHES

Peach varieties are generally self fruitful, but J. H. Hale produces impotent pollen. For that reason it is desirable to interplant with varieties bearing potent pollen.

- Belle of Georgia.** White, red cheek; flesh white, of good flavor. Freestone. Sept.
- Champion.** A large, handsome early white variety with red cheek; sweet, juicy. Aug.
- Elberta.** The standard market variety. Large; flesh yellow, juicy, and of high quality. A heavy bearer. Sept. 15.
- Golden Jubilee.** Resembles Elberta. Skin yellow with red flesh; flesh golden yellow, juicy and sweet. Freestone. Early Aug.
- Hale-Haven.** Ripens two weeks before Elberta. Withstands cold temperatures; very hardy. A perfect freestone of extremely high color, yellow fleshed, large in size, good shipping qualities. Heavy bearer.
- J. H. Hale.** Larger than Elberta. Deep yellow with carmine blush; wonderful flavor. Stands shipping. Ripens about Sept. 10.
- Salberta.** Late. Large yellow freestone. Ripens about 10 days to two weeks after Elberta. Is being planted commercially in many Peach-growing sections.

All Peach trees, 4 to 5 ft.,
each \$2.50; doz. \$27.50

Special quick-crop size: 6 to 8 ft.,
each \$5.00

Michell's Select Fruits



BURBANK PLUMS

PLUMS

The varieties Abundance and Burbank need cross pollinating; they will pollinate each other. Other varieties offered are self pollinating.

Abundance. A very productive, large variety of light cherry-red color. Aug.

Burbank. Fruit round, cherry-red, with lilac bloom. Heavy bearer. Sept.

Diamond. Enormous, dark purple fruit with a beautiful bloom. Sept.

Green Gage. Large, greenish, sweet fruit of good flavor. An excellent variety. Sept.

Shropshire Damson. Late. Medium-sized fruit, produced in thick clusters. A strong grower and very productive of dark purple-colored Plums. The popular old-fashioned Damson variety.

All Plum trees, 5 to 6 ft., each \$3.00;
doz. \$33.50

Quick-crop size, 6 to 7 ft., each \$6.00

ALL PRICES SUBJECT TO MARKET CHANGES

Howard Miracle Plum. The most sensational novelty of a decade. The introduction of this grand new Plum marks an epoch in the advance of fine fruits for the table. The tantalizing and delicious flavor, the great size, firm amber flesh and miniature seed, combined with the red and yellow maple-leaf color, place the Miracle Plum far ahead of all other Plums on the market. Some say the taste is like pineapple; others compare it to Plum and Nectarine combined. Invariably, after tasting this Miracle Plum, comes the exclamation: "This fruit is truly a miracle. Certainly no other Plum could be so luscious. Why, this fruit is simply out of this world." 4 to 6 ft., each \$2.50; 3 for \$6.75; 10 for \$20.00.



DWARF PEARS

DWARF FRUIT TREES

Grafted on selected Malling stock No. 9. The ultimate size of these trees is 5 to 8 feet—ideal for home gardens. These trees are 3 years old, well branched.

G Good pollinator for other sorts

S Summer ripening

F Fall ripening

W Winter ripening

*Please mark orders stock "L"

All varieties, each \$7.00; 3 for \$19.50;
doz. \$72.00

DWARF APPLE TREES

Cortland. GF

Cox Orange. W

Delicious. *SW

Golden Delicious. GW.

Stayman's Winesap. W.

Wealthy. GF.

DWARF PEARS

Bartlett. GS.

Clapp's Favorite. S.

Kieffer. F.

DWARF QUINCE

Orange (Apple). F.

Champion. F.

DWARF SWEET CHERRY

Black Tartarian. *GS.

Yellow Spanish. S.

Napoleon. S.

DWARF SOUR CHERRY

Early Richmond. *S.

Montmorency. *S.

Michell's Small Fruits

GRAPE VINES

How to Plant Grapes

Dig the hole as broad and deep as if a 3-year Apple tree were to be planted. Fill the hole up to the right depth for planting with compost or rich soil. A few old bones in the bottom of the hole will make rich feeding for the vines later on. Trim the roots slightly and cut back the top to three or four strong buds. Use rich soil around roots. Always plant firmly. Leave a mulch of strawy manure over plant.

Caco. Red. The most delicious of all Grapes and perfectly hardy. Bunch of good size, compact, and of good form. Rich in sugar, excellent in flavor. Vines very strong, vigorous growers, healthy and prolific. Each \$1.00; 3 for \$2.75.

Catawba. Red. Deliciously flavored, medium-sized berries.

Concord. Purple. The well-known standard variety that succeeds wherever Grapes will grow.

Delaware. Light red with violet bloom. Bunches and berries are small but compactly set, sugary and delicious.

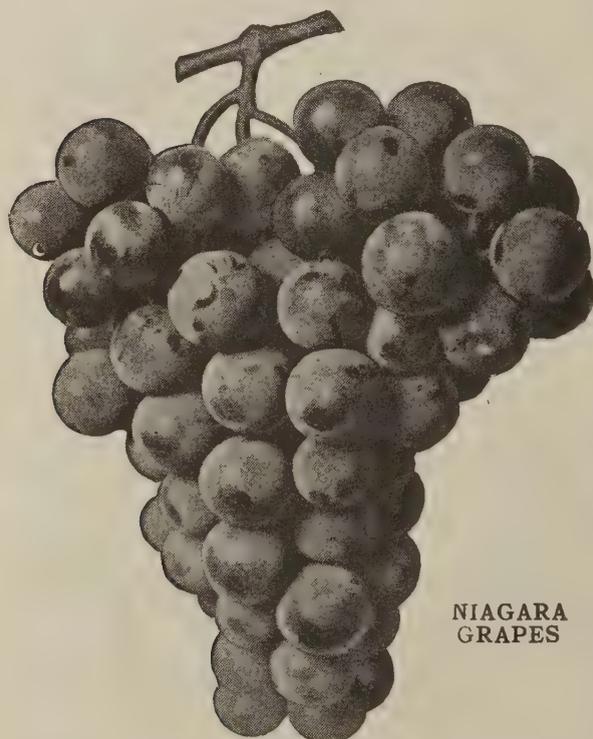
Fredonia. Large black berry with heavy bloom. Cluster about medium in size. Very early; good quality; new and very promising.

Moore's Early. This is really an early Concord and is the standard early blue Grape. The vines are vigorous, healthy, and productive, bearing fruit of delicious quality.

Niagara. Light greenish white. An unusually strong grower. Bunches very large and compact. Berries large, semi-transparent; has very little pulp and is sweet to the center.

Portland. White. The earliest of all Grapes. Large bunch and berry; flesh sweet, juicy and of fine flavor. A valuable early Grape for the home garden. Each \$1.00; 3 for \$2.75.

All Grapes, 2-yr. vines, each 75c.; doz. \$8.50, except where noted



NIAGARA GRAPES



BLUEBERRIES

LATHA M
RASPBERRIES



ELDORADO BLACKBERRIES



BIG JOE STRAWBERRIES



THE NEW BOYSENBERRY

THE NEW BOYSENBERRY

The Finest Vine Berry Yet Developed

A new hybrid vine berry developed from the Blackberry, Loganberry, and Raspberry. The fruit, which is dark purple at first, becoming black when fully ripe, is of blackberry form with berries 1½ inches long, with occasional fruit an inch longer.

The flavor is distinctively its own but somewhat resembles the raspberry; the sugar content is so high that no sugar is needed with ripe berries. 5 for \$1.50; 25 for \$5.50.

BLUEBERRY

Plant in acid but well-drained soil; space the plants 5 feet apart. The parent plants in our nursery have been inspected and found to be free of Blueberry "stunt disease." We offer the following varieties:

Concord. Bush of upright habit, at maturity exceeding 6 feet in height. The berries are large.

Jersey. Very large and vigorous in habit. The light blue berries are very large.

Rancocas. Slender, vigorous, upright habit, rarely surpassing 5 feet in height. The berries are earlier and larger than Rubel.

Rubel. Well-developed bushes stand 6 feet or more high. The large berries are of fine blue color; can be depended on for a good crop every year. Ripens about two weeks later than Concord.

All Blueberries, 15 to 18 in., each \$1.75; doz. \$18.00

BLACKBERRIES

Alfred. For the home garden, Alfred is the ideal Blackberry. The bushes are loaded with tremendous berries, practically free from seeds, coreless and extremely juicy.

Eldorado. Remarkably strong grower and an enormous producer of extra-size berries which are brilliant black and retain their color well. Very sweet and without core.

All Blackberries, extra-strong plants, doz. \$3.00; 100, \$20.00

RASPBERRIES

Cumberland. Blackcap. The largest Raspberry known. Selected specimens measure an inch in diameter.

Latham. The finest red Raspberry to date. More productive than any other variety. The berries are very large, bright red, and of wonderful flavor.

Newburgh. Midseason. Vigorous grower, hardy, and very productive. Fruit very large, firm; does not crumble. Precedes Latham a few days in ripening. An excellent shipper and keeper.

Ranere Everbearing. Brilliant red fruit of good size and excellent flavor; in fact, there is no good quality any of the regular varieties of Raspberries possess that is lacking in Ranere.

All Raspberries, extra-strong plants, doz. \$3.00; 25 for \$4.50

STRAWBERRIES

STANDARD EARLY VARIETIES

Blakemore. Fruit is firm, light in color and unexcelled. Ranks high in productiveness.

Dorsett. Perfect. The berries are beautiful in appearance; their light color, bright green cap, large size, and attractive shape make them very desirable.

Fairfax. Perfect. The berries average very large and firm and, picked at the proper time, are a bright red with a light green cap; as they ripen, they become darker and then very dark red.

Premier. Perfect. Enormously productive, commencing early and bearing through a long season. The flavor is delicious.

Starbright. Brighter red than Dorsett, with firm, luscious berries of delightful flavor. A favorite early variety.

MIDSEASON VARIETIES

Big Joe. Perfect. The merits of this excellent variety are great vigor of plant, fine root-system, exceptional productiveness, large size of fruit, excellent flavor.

Catskill. Best midseason berry becoming more popular every year. Large berries, equaling Premier in flavor, carrying a bright green cap.

LATE-SEASON VARIETIES

Aroma. Late. One of the best late varieties. Fruit is large, bright glossy red, of excellent carrying quality.

Chesapeake. Perfect. The berries are handsome in appearance because of their large size, rich color, glossy surface, uniform shape and bright green cap.

Lupton Late. Its double, dark green cap sets the fruit off beautifully. Produces an abundance of large, bright, flame-colored berries.

STANDARD VARIETIES

Layer Plants. 25, \$1.50; 50, \$2.50; 100, \$4.00.

Potted Plants. 25, \$3.50; 50, \$6.50; 100, \$10.00.

EVERBEARING STRAWBERRIES

Gem Everbearing Giant. Even without its everbearing qualities, the Gem is a good berry, making a normal yield in the spring of firm, sweet, large, glossy, dark red berries. Repeats in the fall when berries are more or less a novelty and can be marketed at fancy prices or served on the home table.

Mastodon. This is unquestionably the most prolific of everbearing varieties. Bears continuously from June till frost, the late fruits being as large as the early crop.

Layer Plants, 25, \$2.50; 50, \$4.50; 100, \$8.00
Potted Plants, 25, \$4.00; 50, \$7.00; 100, \$12.00

STRAWBERRY

« "BRUNES MARVEL" » »

We take pleasure in offering this wonderful Strawberry, which has passed the test for quality and hardiness. The fruit is almost free from acid and can be used for eating or canning with less sugar. Another distinct advantage is that the plants make exceptionally long roots, going down for moisture sometimes to 17 inches during dry summers. This is a real advantage. Pot-plants available in June.

25 plants \$5.00; 50 plants \$9.50;
100 plants \$18.00

Water-lilies and Other Plants for the Garden Pool

Please Note that these plants have to be shipped direct to you from the pools where they are grown.

CARE OF YOUR WATER-LILIES

Hardy Water-lilies may be planted any time from the first of April until the middle of August. Tropical varieties may be planted when the temperature averages 70 degrees, or about May 25. Water-lilies come into flower early in the season and bloom until frost.

Concrete pools are best left full of water and covered with

boards and straw. Hardy Water-lilies will winter in the pool if the water does not freeze deeply, but tropical ones are best considered as annuals and purchased new each year.

New concrete pools should be filled with water and drained at least four times before any fish or plants are introduced.

Hardy Water-lilies

WHITE

Gladstone. Largest of white Water-lilies, requiring considerable space for best development. Flowers are pure white, cup-shaped, 6 to 8 inches across with golden yellow stamens. Leaves dark green. Each \$2.50.

Marliac Albida. Large, pure white flowers with yellow stamens. Blooms the entire season. Sepals are tinted with pink. Leaves dark green above and red beneath. Each \$2.25.

Hopatcong. Very large, pure white, very fragrant. Flowers often 6 inches across. A free bloomer. Each \$1.25.

PINK

Helen Fowler. Deep pink with lighter center, borne well above the water. Flowers are not so large but are produced continuously. Each \$1.75.

Marliac Carnea. Large, soft flesh-pink, deeper toward center. Free flowering, with large purplish red leaves changing to deep green. Each \$2.50.

Marliac Rosea. Similar to Carnea except that it is deep rose-pink. Flowers 4 to 5 inches across. Each \$2.75.

Pink Opal. Full-petaled, cup-shaped flowers of deep rich pink. Each \$2.00.

Rose Arey. Considered the most desirable of the fragrant Water-lilies. Brilliant pink. Petals are pointed and incurved, with golden yellow stamens. Excellent bloomer, producing very large flowers often 7 to 8 inches in diameter. Each \$3.00.

YELLOW

Marliac Chromatella. Charming canary-yellow, 4 to 6 inches across. Leaves green mottled with brown. Free bloomer. Should be divided every few years. Each \$2.50.

Sunrise. One of the first to open in the morning. Free bloomer, 7 to 10 inches in diameter, and stands well above the water. Clear sulphur-yellow color. Blooms early spring to late fall. A superb variety. Stands crowding. Each \$3.50.

RED

Attraction. One of the most beautiful, often 8 to 10 inches across. On opening it is garnet-red with almost white sepals and stamens of rich mahogany, tipped with yellow. No pool is complete without it. Each \$3.25.

Gloriosa. Deep carmine-rose, becoming deep red with age; 5 to 6 inches in diameter. Blooms continuously. Ideal for either pool or tub. Each \$3.50.

James Brydon. Cup-shaped flower of rich rose-crimson, 5 to 6 inches across. Early bloomer and rapid grower. Adapted to either tub or pool culture. Each \$3.50.

Conqueror. An immense flower similar in character to Attraction. Strong healthy plants. Each \$3.00.

CHANGEABLE COLORS

Paul Harriot. Flowers are large, cup-shaped, light yellow, delicately shaded copper-red. Each \$3.00.

Tropical Day-Bloomers

WHITE

Mrs. G. H. Pring. Best pure white tropical Water-lily, producing large, fragrant, white flowers. Each \$2.75.

PINK

General Pershing. Unique flower opening at 7 A.M. and closing at 7 P.M. Very fragrant; measures from 8 to 10 inches across. Flowers are borne about 12 inches above water. Buds dark green striped with dark purple. A fine bright color. Each \$3.50.

Zanzibariensis Rosea. Fragrant, deep pink, 6 to 8 inches across. Opens earlier in the morning than other varieties. Each \$2.50.

BLUE

Henry Shaw. A very popular sweet-scented blue with chrome-colored stamens. A very free bloomer. One plant alone may have from five to six blooms at one time. Each \$2.75.

Pennsylvania (Blue Beauty). This is one of the most popular blue varieties. The flowers are large and bloom continuously from spring until frost. Each \$3.00.

Mrs. Edwards Whitaker. One of the newer hybrids and the largest of day-bloomers. Lavender-blue on first opening, getting paler as the flower ages. Leaves beautifully mottled and streaked with dark red. Opens at 6.30 A.M., closing as late as 7.30 P.M. No other remains open so long. Flowers about 10 inches across. Each \$3.00.

PURPLE

Panama-Pacific. Rich rosy red on first opening, changing to deep reddish purple with yellow stamens. One of the most popular and most promising of day-bloomers. Also throws young plants which frequently flower while attached to parent plant. Each \$2.75.

August Koch. Flowers are 7 to 8 inches in diameter and rise from 8 to 10 inches out of the water. Petals are pale wistaria-violet. An excellent variety, blooming freely. Produces young plants from the surface of the leaves. One of the easiest of the tropicals to grow. Each \$3.00.

Tropical Night-Bloomers

Bissett. Petals extremely wide, beautiful pink. One of the best growers. Each \$2.50.

Dentata Superba (Juno). Pure white, 10 to 12 inches across, with yellow stamens. Leaves are large, deep glossy green. Flowers very freely throughout summer. Stands well above water. Very noticeable at night. Each \$2.50.

Devonshire. Deep red, about 6 to 8 inches across. Open from 7 or 8 P.M. until 10 A.M. Each \$2.50.

Omarana. Flowers from 8 to 12 inches across, beautiful rosy pink. Stamens deep orange-red. One of the best and most free flowering of all night-bloomers. Each \$2.50.

Aquatic Plants

HARDY

PONTERERIA cordata. Pickerel Rush. Blue flowers produced freely. Total growth about 2 feet. 3 for \$1.35.

SAGITTARIA sagittifolia. Giant Arrow-head. Long strap-like green leaves 1 to 3 feet above water. 3 for \$1.35.

TROPICAL

CYPERUS alternifolius. Umbrella Plant. Will grow 4 feet high. Successful in small pools or in moist ground. 3 for \$1.50.

HYDROCLEIS nymphoides. Water-Poppy. Floating yellow flowers all summer. Not hardy. 3 for \$1.00.

MYRIOPHYLLUM proserpinacoides. Parrot's Feather. Rises about 6 inches out of the water. 3 for \$1.00.

Floating Plants

EICHHORNIA crassipes major. Water Hyacinth. Lilac-rose flowers. 3 for \$1.00.

PISTIA Stratiotes. Shell Flower; Water Lettuce. A rosette of fluted blue-green velvety leaves. Grows best in a shady pool. 3 for \$1.25.

SALVINIA braziliensis. Salvinia. Dainty soft green leaves covered with a velvety nap of tiny hairs. The growth forms an attractive chain of these leaves which are about 1/4 inch in diameter. Each 50c.

Oxygenating Plants

ANACHARIS canadensis gigantea. Giant Water Weed. A beautiful submerged plant with dark green ovate leaves and light stems. 3 for \$1.00.

SPECIAL PLANT COLLECTION A-1.

Consisting of nine plants of our own selection to balance a ten-gallon aquarium. \$2.00.

SPECIAL PLANT COLLECTION A-2

A splendid group of plants, to balance a 15 or 20-gallon aquarium, more than double the above collection and including some rare and very choice varieties. \$3.50.



Aquatic Plants

Hedge Plants

Berberis Thunbergii

BARBERRY

A good hardy plant of low, dense growth. It is a brilliant light green from early spring to winter. In autumn the foliage is bright crimson.

Doz. \$7 50
15 to 18-in. plants \$7 50
18 to 24-in. plants 8 50

New Red-leaved Barberry

The foliage of this new variety is of a rich, lustrous, bronzy red. All that is required to develop its brilliant coloring at all seasons is that it be planted in full exposure to the sun.

Strong 15 to 18-in. plants, doz. \$8.50
18 to 24-in. plants, doz. 10.00

California Privet

This most popular of all hedge plants should be set 1 foot apart in double rows, in zig-zag fashion, so that the plants are diagonally opposite each other. This practically places them 6 inches apart, which is desirable to get a quick, dense growth. Plant from October 15 till the ground freezes, and from March 15 to May 15.

| | Doz. | 50 | 100 |
|-----------------|--------|--------|---------|
| 1½ to 2 ft..... | \$2 50 | \$9 50 | \$16 00 |
| 2½ to 3 ft..... | 3 50 | 13 00 | 22 00 |
| 3 to 4 ft..... | 5 00 | 18 00 | 30 00 |

(Special quotations on 1000 lots.)

Edging Plants

Ideal for edging flower borders and herb gardens

Boxwood. Dwarf English. We have a quantity of nice, dwarf, bushy stock for edging beds and paths. Boxwood grows into value and adds a unique charm to the garden. 4 to 6 in., 10 for \$5.00; 100 for \$45.00.

Santolina incana. 10 for \$4.00; 100 for \$35.00.

Thymus argenteus. Silver Thyme. 10 for \$4.00; 100 for \$35.00.

Thymus citriodorus. Lemon Thyme, Green. 10 for \$4.00; 100 for \$35.00.

Thymus citriodorus. Lemon Thyme. Golden edge. 10 for \$4.00; 100 for \$35.00.

NUTS

CHESTNUT

Several years ago, Chestnut blight destroyed our native Chestnuts. Since that time the U. S. Department of Agriculture has been searching for a blight-resistant strain. After many tests, it was found that a type of Chinese Chestnut was not only blight-resistant but an early bearer of large, good-quality nuts. For many years trees were being offered only for experimental purposes, but at last we have enough to offer through our catalogue. Chinese Blight-Resistant Chestnut, 2 yr. transplanted, 2 to 3 ft., each \$6.00.

ENGLISH WALNUT

A familiar nut in the stores, but it is not generally known that the English Walnut can be grown to perfection in many eastern states. It could mean to the Middle Atlantic area what the pecan means to the deep South. 2 to 3 ft., each \$6.00.

Herbs

Chive. Very popular in salads. Cut fairly close to the ground, from one plant at a time. The new growth will be more tender than the preceding. The grass-like leaves finely chopped give a delicate onion flavor to soups and stuffings. Each 60c.; 3 for \$1.30; 10 for \$4.00.

Hyssop. A hardy perennial herb grown for ornament in the flower border. Its blue flowers decorate the garden from June to frost. Height 1½ feet. Use the leaves sparingly in salads and broths. Thrives in any ordinary soil. Each 60c.; 3 for \$1.30; 10 for \$4.00.

Lemon Balm. One of the sweet-scented herbs, 2 feet in height. Broad-toothed leaves and white or pale yellow flowers in clusters. Leaves are used in seasoning, in liquors and as a medicine. Each 60c.; 3 for \$1.30; 10 for \$4.00.

Lemon Verbena; Herb Louisa. Requires a warm sunny location. Shrubby habit, producing leaves in whorls of three or four, with odor of lemon. In northern states, take it indoors for the winter. Use the leaves in finger bowls. Combined with peppermint it makes a refreshing tea. Each 70c.; 3 for \$1.60; 10 for \$5.00.

MINT. Our collection of Mints will be found to contain all the desirable varieties. They thrive in sunny or partially shaded locations. Plant a border near the kitchen.

Apple Mint. The flavor is more delicate than spearmint; makes a fine tea. The leaves are round and hairy, unlike other Mints. Each 60c.; 3 for \$1.30; 10 for \$4.00.

Peppermint. Leaves and tender tops may be infused in cooling drinks. In demand for use as a tea either by itself or combined with lemon verbena. Each 60c.; 3 for \$1.30; 10 for \$4.00.

Pineapple Mint. Has a light attractive edging on the leaves; the young growth has a delicious pineapple odor. Excellent for drinks. Each 60c.; 3 for \$1.30; 10 for \$4.00.

Spearmint; Lambs Mint; Julep Mint. The popular Mint with light green leaves. No herb garden is complete without it. Each 60c.; 3 for \$1.30; 10 for \$4.00.

Rosemary. A very fragrant herb, first introduced in 1548 and still a general favorite. Likes a sunny location and ordinary soil. Each 75c.; 3 for \$1.60; 10 for \$5.00.

Rue; Herb of Grace. Fine blue-gray leaves. Very hardy; can be sheared for a formal hedge or grown as individual specimens. An old-time medicinal herb, used in small quantities for salads. Each 60c.; 3 for \$1.30; 10 for \$4.00.

Sage. The dried leaves are used to season meats, dressings, cheese. Each 60c.; 3 for \$1.30; 10 for \$4.00.

Sweet Marjoram. The hardy Marjoram used for seasoning. Flowers are picked for pot-pourri and mature flower heads are used to flavor cooking. Each 60c.; 3 for \$1.30; 10 for \$4.00.

Tarragon; Estragon. This plant loves a dry soil in a warm sunny situation. Height 2 feet. Tarragon vinegar is much used in fine cooking. Customers in a position to grow this plant in quantity can obtain special prices on application. Each 70c.; 3 for \$1.60; 10 for \$5.00.

THYMUS citriodorus. Lemon Thyme. Delicious lemon scent. May be used as a flavoring for drinks. Each 60c.; 3 for \$1.30; 10 for \$4.00.

T. Serpyllum albus. The delicate fine leaf and neat spreading habit makes this variety ideal for crevices among the stones of a rock-garden or in the crazy-stone pathway. Each 60c.; 3 for \$1.30; 10 for \$4.00.

T. Serpyllum coccineus. The red counterpart of the white variety described above. Each 60c.; 3 for \$1.30; 10 for \$4.00.

T. vulgaris. Common Thyme. A favorite kitchen herb widely used as a flavoring for many kinds of dishes. Gather the shoots when blooms appear and dry for winter use. Each 60c.; 3 for \$1.30; 10 for \$4.00.

Winter Savory. Quite hardy; more pungent than Summer Savory, the annual variety. A useful plant for edging the herb border or for use in a knot garden. Used as a seasoning. Grows in poor, stony soil. Each 60c.; 3 for \$1.30; 10 for \$4.00.

MICHELL'S "IDEAL" COLLECTION OF CULINARY HERBS

- Chives (*Allium Schœnoprasum*)
- Spearmint (*Mentha spicata*)
- Sweet Marjoram (*Origanum Onites*)
- Thyme (*Thymus vulgaris*)
- Sage (*Salvia officinalis*)
- Winter Savory (*Satureia montana*)

3 plants each of the 6 varieties, \$6.00
6 plants each of the 6 varieties, \$11.50

MICHELL'S "IDEAL" COLLECTION OF MINTS

- Apple Mint (*Mentha rotundifolia*)
- Pineapple Mint (*Mentha rotundifolia variegata*)
- Spearmint (*Mentha spicata*)
- Peppermint (*Mentha piperita*)

3 each of 4 varieties, \$4.75
6 each of 4 varieties, \$9.00



Thyme



Peppermint



Sage



Sweet Marjoram

Michell's Hardy Decorative Flowering Shrubs



Azalea, Pink Pearl

ABELIA grandiflora. Bush Arbutus. Small shrub of graceful habit, flowering continuously from July until frost. The blooms are small, tubular, white, shaded pink, and are borne in clusters, forming a pleasing contrast with the shiny, almost evergreen foliage. 15 to 18 in., each \$3.00.

ALTHÆA (Hibiscus). Rose of Sharon. These thrive almost anywhere, producing bloom from July till September. 2 to 3-ft. Pink, Red or White. Each \$1.25.

Azaleas

A family of dwarf, bushy shrubs bearing a great profusion of flowers in the spring. Very useful for planting in the shady border or in groups by themselves. Succeed best in a partially shaded position.

Amœna. An evergreen variety, literally covered with masses of rosy crimson flowers in late spring.

Hinodegiri. Another evergreen variety and one of the best, bearing fiery red, single flowers in great profusion. Very desirable on account of its color.

Pink Pearl. Semi-double flowers of a lovely shade of salmon-rose, shaded lighter in center; blooms in quite large clusters.

All Azaleas, 8 to 10 in., each \$2.75

BEAUTY BUSH. See Kolkwitzia.

BRIDAL WREATH. See *Spiræa prunifolia*.

CALLICARPA purpurea. Beauty-Berry. A beautiful shrub, growing about 3 feet high, covered in August with tiny pink-tinted flowers, followed in late September by violet-purple berries. 2 to 3 ft., each \$1.50.

CALYCANTHUS floridus. Sweet Shrub. Chocolate-colored, double flowers, with a peculiarly agreeable odor. Blooms in June. 2 to 3-ft. plants, each \$1.50.

CERCIS canadensis. Judas Tree or Redbud. A medium-sized tree with large, irregular head and perfect heart-shaped leaves. The profusion of delicate reddish pink blossoms with which it is covered in early spring before the foliage appears makes it one of the finest ornamental trees. 3 to 4 ft., each \$2.00.

CLETHRA alnifolia. Sweet Pepperbush. Shrub of low, dense growth with numerous spikes of small, white, fragrant flowers in July. Desirable for moist places or along water edges. 18 to 24 in., each \$2.00.

CORALBERRY. See *Symphoricarpos vulgaris*.

CYDONIA japonica. This shrub is a beautiful sight in early spring when covered with cherry-red flowers about the size of an apple-blossom. Especially desirable as a specimen shrub for the lawn. Extra-strong 2 to 3-ft. plants, each \$1.50.

DEUTZIA, Pride of Rochester. Perhaps the best known and most popular of all the Deutzias. It makes a tall, wide-spreading bush, covered with a cloud of large, double, fringed pink and white flowers in June. 2 to 3 ft., each \$1.50.

D. gracilis. Heavily laden with snow-white flowers in May. 15 to 18-in., each \$1.25.

FLOWERING ALMOND. See Prunus.

FORSYTHIA intermedia spectabilis. Strong, tall-growing shrub with very large flowers completely covering the stems. Most profuse bloomer of all. Each \$1.50.

F. suspensa. Graceful, drooping tendency. Frequently planted on banks and slopes. Beautiful specimens or in masses. Each \$1.75.

F. suspensa Fortunei. Golden Bells. Yellow. Each \$1.50.

F. viridissima. Green-stem Forsythia. Each \$1.50.

HYDRANGEA arborescens grandiflora. Hills-of-Snow. Attains a height of 4 to 5 feet. Bears beautiful large heads of snow-white flowers in July and August. Should be pruned severely in spring. Will do well in shade. Each \$1.50.

H., Otaksa. Adapted for seaside planting. If soil is acid, the color will be a good blue, but if alkaline the color invariably comes pink. Protect in severe weather in much the same way as roses are protected. 2 yrs. old, each \$2.00.

H. paniculata grandiflora. Peegee Hydrangea. A widely planted shrub with huge conical heads of flowers that turn pink as they age. Prune severely in the spring for largest flowers. Grows to 5 or 6 feet. Each \$1.50.

KERRIA japonica fl. pl. An unusually attractive shrub with showy golden yellow, double flowers in May and June. The smooth, bright green branches are especially effective in winter. 2 to 3-ft. plants, each \$1.50.

KOLKWITZIA amabilis. Beauty-Bush. A handsome new ornamental shrub from China, resembling the weigela and honeysuckle, to which it is allied. Grows 6 to 8 feet high at maturity, with long, arching branches covered with pale pink, bell-shaped flowers in June. One of the most outstanding shrubs. Strong 2 to 3-ft. plants, each \$1.75.

PHILADELPHUS coronarius. A vigorous grower, adapted to either full sunlight or partial shade. Each \$1.50.

P. virginialis. Virgin Mock-Orange. Large, semi-double white flowers in great profusion and very fragrant. 7 to 8 ft. 2 to 3-ft. plants, each \$1.50.

PRUNUS glandulosa alba fl.-pl. Double White-flowering Almond. Erect, slender branches covered in May with small, very double, fragrant white flowers. 18 to 24 in., each \$1.50.

P. glandulosa rosea fl.-pl. Identical with the above, but bearing pink flowers. 18 to 24 in., each \$1.50.

REDBUD. See Cercis.

ROSE OF SHARON. See Althæa.

SNOWBALL. See Viburnum.

SNOWBERRY. See *Symphoricarpos racemosus*.

SPIRÆA, Anthony Waterer. The well-known rosy pink Spirea. Each \$1.25.

S. prunifolia. Bridal Wreath. Dense shrub bearing a profusion of white flowers. 2 to 3-ft. plants, each \$1.25.

S. Vanhouttei. Easy to grow in any location. Pure white. Each \$1.50.

SWEET SHRUB. See Calycanthus.

SYMPHORICARPOS racemosus. Snowberry. Rose-pink flowers in summer; branches full of white berries in the fall. 2 to 3 ft. Each \$1.25.

S. vulgaris. Coralberry. Greenish red flowers and clusters of dark purplish red berries. 2 to 3 ft. Each \$1.25.

SYRINGA vulgaris (Old-Fashioned Purple Lilac).

Vulgaris alba. (Old-fashioned White.)

All Syringas, 2 to 3 ft., each \$1.50

VIBURNUM Burkwoodi. Improved Carlesii. Waxy bluish-white and delicately fragrant. The flowers of this new Viburnum are produced in the early spring. 15 to 18 in., each \$3.50.

V. tomentosum plicatum. Snowball. A desirable shrub that should be in every garden or on the lawn. Perfectly hardy. Blooms in June. Extra-fine 2 to 3-ft. plants, each \$1.75.

VITEX macrophylla. Chaste Tree. Lilac-colored flowers in August and September. 2 to 3 ft., each \$1.25.

WEIGELA, Eva Rathke. Of erect form and vigorous habit. Deep carmine-red flowers. 18 to 24-in. plants, each \$1.50.

W. rosea. Remarkably showy flowers. Numerous spreading branches and dark green leaves. The rose-colored blooms are produced in great abundance. 2 to 3-ft. plants, each \$1.50.



Vitex macrophylla

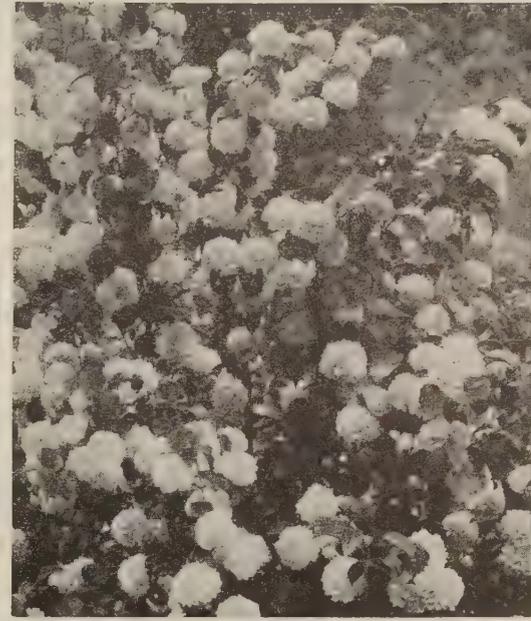
Flowering Shrubs



ALTHÆA (ROSE OF SHARON)
2 to 3-ft. plants, each \$1.25



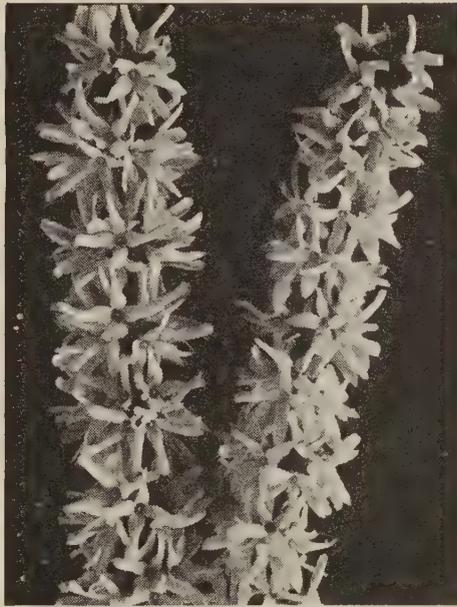
KOLKWITZIA amabilis (BEAUTY-BUSH)
2 to 3-ft. plants, each \$1.75



VIBURNUM (SNOWBALL)
2 to 3-ft. plants,
each \$1.75



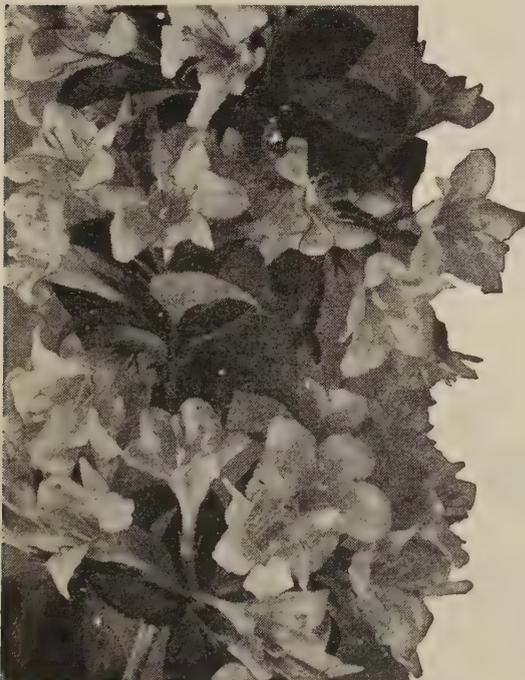
CALYCANTHUS FLORIDUS
2 to 3-ft. plants, each \$1.50



FORSYTHIA intermedia spectabilis
Each \$1.50



PHILADELPHUS coronarius
MOCK-ORANGE. Each \$1.50



WEIGELA rosea
2 to 3-ft. plants, each \$1.50

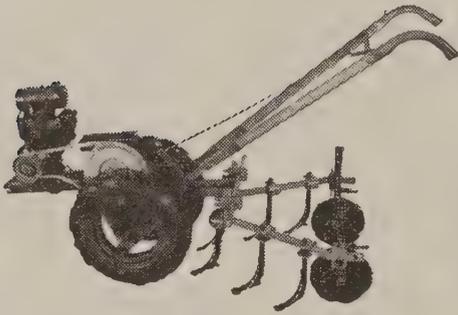


SPIRÆA VANHOUTTEI
Each \$1.50



PRUNUS (FLOWERING ALMOND)
1½ to 2-ft. plants, each \$1.50

Michell's Farm and Garden Tools



Planet Jr. Garden Tractors

The Planet Jr. BP1 Garden Tractor has a 1½ horsepower motor, is light in weight and easily handled. Additional attachments for other practical operations are available.

The amount of work which it will do makes it ideal for the small farmer or home gardener. Price, less cultivator, \$189.50.

- B12. Cultivator.....\$32 50
- B40. Snow Plow..... 39 65
- AB56. Cutter Bar. 34-in..... 76 50
- B21. Plow with coulter..... 36 50
- B62. Disc Harrow..... 39 50



Gardena tractor

The ideal tractor for every job on a small farm. Double V-belt drive; 1½ to 2 horsepower. With 500 x 12 pneumatic rubber tires. Price, \$215.00.

- 7-in. plow with rolling coulter.....\$24 00
- Disc harrow (eight 12-in. discs—two gangs)..... 40 00
- Spike-tooth harrow (12 teeth)..... 25 00
- Cultivator (6 teeth and 2 gauge wheels)..... 33 50
- 48-in. snow plow..... 46 50
- Cutter bar. 32-in..... 80 00

No. 12 Planet Jr. Double and Single Wheel Hoe, Cultivator and Plow

Price, \$17.25.

Same as No. 11 but less the 4½-in. hoes and the rakes.

No. 4 Planet Jr. Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

Price, \$27.95



The No. 4 sows practically all vegetable seeds in drills, or drops in hills 4, 6, 8, 12, or 24 inches apart. In one operation it opens the furrow, drops seeds at the right depth, covers them, and marks the next row. By changing a single bolt it can be converted into a sturdy single wheel hoe, cultivator, or plow. Makes an ideal outfit for a medium-sized garden.

No. 4D Seeder Only

Price, \$22.35

No. 11 Planet Jr. Double and Single Wheel Hoe, Cultivator, Plow and Rake

Price, Complete \$21.95



Equipment is complete, including one pair 6-in. and one pair 4½-in. hoes for weeding and shallow cultivation; four cultivator teeth for deeper and general cultivation; one pair plows for plowing, covering and ridging; two 3-tooth and two 5-tooth rakes for fine close cultivation.

No. 25 Planet Jr. Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow

Price, \$33.95



"The Complete Gardener." As a seeder it is just like the No. 4 illustrated above, and can be converted into a double or a single Wheel Hoe. It will cultivate both sides of a row until the plants are 20 inches high. Equipment includes all the tools necessary in any garden and is fine for the family garden, onion grower, or large farmer.

No. 13 Double Wheel Hoe

Like No. 12, except that it is equipped with one pair side hoes only. Price, \$13.25.

High Wheel Cultivator

20 in., all steel, complete with plow, 5 teeth and furrower. Price, \$5.65.



No. 16 Planet Jr. Single Wheel Hoe, Cultivator Rake and Plow

Price, \$13.65

Light, easily handled, and does good work. All steel except the handles; practically indestructible. Handles are adjustable for any height. Includes all equipment usually required in a garden. Fifteen-inch steel wheel; steel frame.

No. 17 Planet Jr. Single Wheel Hoe

This is the same as No. 16, but without the rakes. Price, \$11.95.

No. 17½ Single Wheel Hoe

Same as No. 17, except that there is no plow. Price, \$10.60.

No. 18 Single Wheel Hoe

Like No. 17, except that it is equipped with one pair side hoes only. Price, \$9.25.

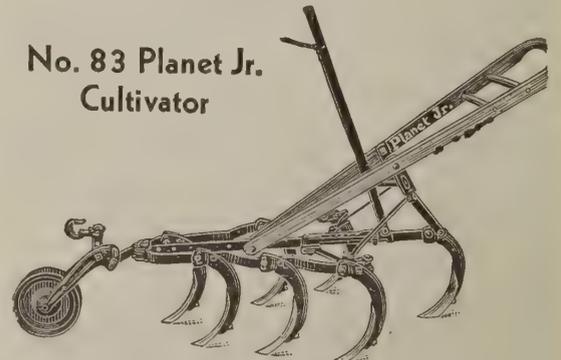
No. 300 or 300A Planet Jr. Seeder

Price, \$30.25



This is rapidly becoming the most popular Seeder. It is a plate Seeder having three seeder plates, each with 13 holes, giving ample adjustment quickly and easily for any size seed. Hopper removable. Easy running, dependable, and accurate.

No. 83 Planet Jr. Cultivator



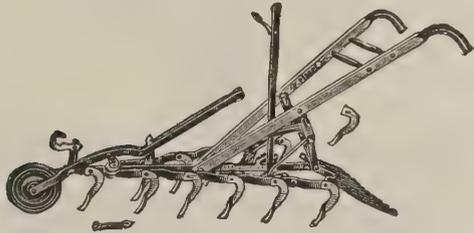
Many gardeners like the 7-tooth Cultivator because it prepares the soil better than does the 5-tooth machine. Price, complete with steel wheel, \$23.95.

No. 83D. Price without wheel, \$21.25.

ALL PRICES SUBJECT TO MARKET CHANGES

MICHELL'S FARM AND GARDEN TOOLS

Planet Jr. 12-Tooth Harrow Cultivator and Pulverizer



With the 12-tooth Harrow, you go as deep or shallow as you like, and come up close to the row without injuring plants. You widen and narrow as you please, between 12 and 32 inches.

No. 90. Complete with lever, steel wheel, and pulverizer.....\$27 50

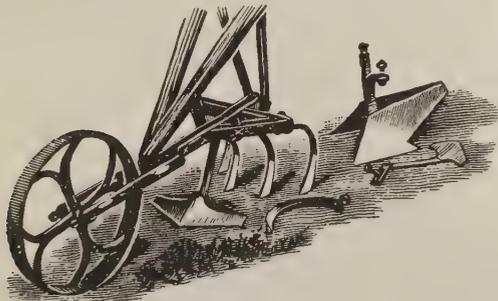
No. 90B. Without pulverizer..... 22 95

No. 90D. Without pulverizer and wheel..... 18 25



Planet Jr. Fertilizer Distributor No. 220

This will distribute in the middle of three rows up to 14 inches apart or will side-dress one side each of two rows up to 36 inches. Special gates are furnished to permit distribution through only the two middle spouts or two or three spouts on either right- or left-hand side. Quantity of fertilizer can be accurately regulated from 200 to 2000 pounds per acre. Price, \$41.75.



Gem Single Wheel Hoe

This is suited for almost any work in a garden. It weeds, hoes, hills, and harrows. Price, \$10.00.



Midget Spike-Tooth Roller

For the small or medium-sized lawn. Steel tray can be weighted with stone or bag of sand. Roller 13 in. wide. Spikes 1½ in. long. Price on application.

Parts of Planet Jr. Wheel Hoes

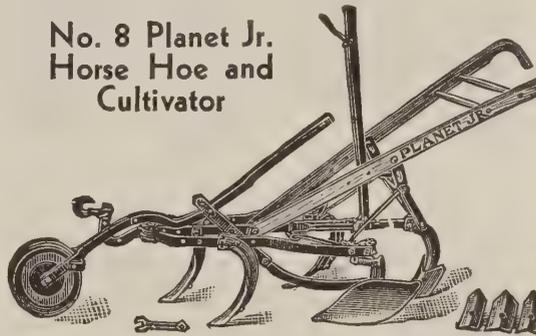
| | |
|--|--------|
| Disc Hoes 3350-51X. Pair..... | \$4 95 |
| 4½-in. Hoes S100-S101. Pair..... | 1 60 |
| 6 -in. Hoes S100-S101. Pair..... | 1 75 |
| 7½-in. Hoes S100-S101. Pair..... | 2 00 |
| 9 -in. Hoes S100-S101. Pair..... | 2 20 |
| Peat Land Hoes. Pair..... | 2 40 |
| 3-prong Cultivator Teeth, S42. Pair... | 2 00 |
| Cultivator Teeth Regular, No. 1395, all steel. Each..... | 50 |
| Narrow Cultivator Teeth, No. 2775, all steel. Each..... | 50 |
| Rakes, 3-tooth, S24. Pair..... | 1 30 |
| Rakes, 5-tooth, S25. Pair..... | 2 00 |
| Plows for Double Wheel Hoes, M5. Pair..... | 1 85 |
| Plows for Single Wheel Hoes, R6. Each. | 1 55 |
| Double Mouldboard Plows, 4678X. Each..... | 2 20 |
| Handles. Pair..... | 2 75 |

Planet Jr. Horse Cultivator Teeth

All 8 in. long.

| | | |
|------------------|-------------|--------|
| | | Each |
| No. 4064. | 1 x 8..... | \$0 27 |
| No. 1156. | 1¼ x 8..... | 28 |
| No. 2367. | 1¾ x 8..... | 29 |
| No. 2368. | 2¼ x 8..... | 34 |
| No. 2369. | 3 x 8..... | 42 |
| No. 2370. | 4 x 8..... | 52 |

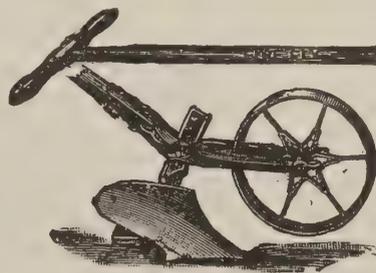
No. 8 Planet Jr. Horse Hoe and Cultivator



The lever wheel and depth regulator enable the operator to increase or lessen the depth of tilling by a mere stroke of the arm. A perfect 5-tooth cultivator. Price, \$27.95.

Dandy Boy No. 200

Combination Double and Single Wheel Cultivator with 14 x 2 semi-pneumatic tires with ball-bearing wheels, including complete attachments consisting of pair of weeding hoes, pair of turn plows, and four cultivator teeth and wrench. Shipping weight 34 lbs. Price, \$18.75.



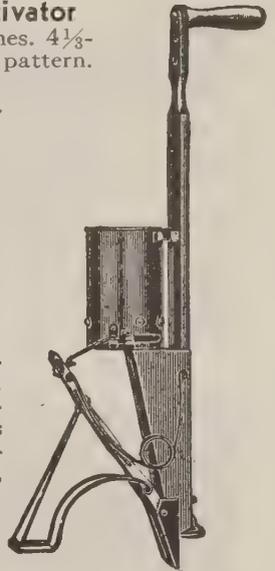
Fire-Fly Garden Plow

Useful to owners of small gardens, and to chicken-raisers for plowing up scratching-yards. Price, \$6.60.

Speedy Cultivator

Four sharp tines. 4½-ft. spring pattern. Handles.

No. SL5. \$2.00.



American Hand Corn-Planter

A great seed economizer and labor saver. Easily operated, accurate and reliable; works in all kinds and conditions of soil. Price, \$4.00.

Water-Ballast Roller



No. 601. Length, 24 in.; diam., 14 in.; Weight empty, 70 lbs.; filled, 175 lbs. Price, \$19.00.

No. 602. Length, 24 in.; diam., 18 in. Weight empty, 85 lbs.; filled, 265 lbs. Price, \$22.00.

No. 603. Length, 24 in.; diam., 24 in. Weight empty, 100 lbs.; filled, 420 lbs. Price, \$28.00.

No. 604. Length, 24 in.; diam., 32 in. Weight empty, 130 lbs.; filled, 566 lbs. Price, \$31.00.

Send for a copy of the
PLANET JR. CATALOG

Hand Plow

Excellent for hilling corn, potatoes, or any plants.

No. 2006. 6 in. wide; 5-ft. handle. Price, \$2.00.



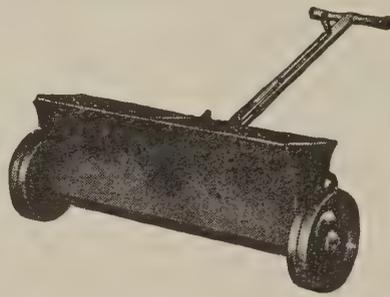
ALL PRICES SUBJECT TO MARKET CHANGES

Every good gardener needs a sturdy Wheelbarrow

MICHELL'S FARM AND GARDEN TOOLS, ETC.



A combined perforator and tamber made of malleable iron. By loosening one nut it can be converted from spiker to tamber. Plates 9 in. square. Spikes 1 1/4 in. long. Length overall, 4 ft. Weight, 13 lbs. Price \$7.50 each.



Michell's Fertilizer Spreader

The Spreader applies fertilizers in flowerbeds and vegetable gardens before seeds are sown or plants set out. Is also used to sow grass seeds, top-dress lawns with sand or other dry materials, and for many other purposes. Adjustments can be made so as to regulate the quantity desired to be applied.

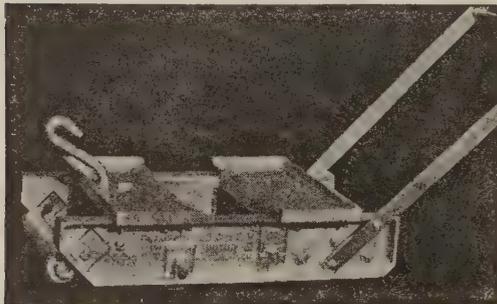
- No. 15A. 16 in., 20-lb. cap. \$5 95
- No. 115AR. 16 in., 40-lb. cap. 10 25
- No. 215. 24 in. 23 50
- No. 315. 36 in. 29 95



Wheelbarrow Grass Seeder

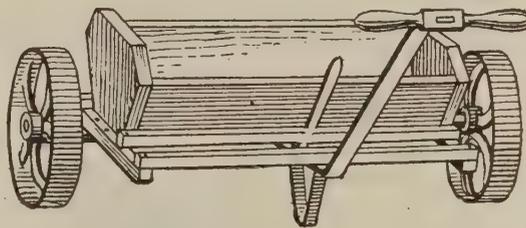
A practical machine for use on the farm and also for sowing parks and golf grounds. Quickly regulated to sow different quantities per acre. The distributing box is very near the ground, which is an important feature, preventing the seed from blowing away and thus coming up unevenly.

- No. 106. Sows a width of 10 ft. Developed especially for seeding golf courses, parks and country estates. . \$57 00
- No. 5. Sows a width of 14 ft. 52 00



Champion Sod Cutter

The best and most satisfactory machine on the market. This machine will cut in one hour as much as two men can cut in a day. The machine is so constructed that it can be adjusted to cut the sod to a uniform thickness, 1 to 2 inches; has a reversible knife. Price, \$95.00. Extra knives for above, \$25.50. Disc Knives, \$4.50.



Stevens Fertilizer Distributor

For distributing bonemeal, wood ashes, and other commercial fertilizers on fields, lawns, golf courses, etc., also for sanding putting-greens. Insures perfect and even distribution.

Hand Machine. Holds about 2 bushels; covering area, 3 feet wide. Price, \$37.00.



Keystone Leaf Rack

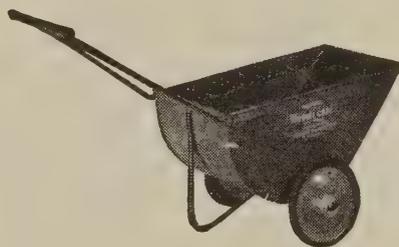
This device can be used on wheelbarrows with removable sides. Convenient for gathering leaves, cut grass, and rubbish. Has a capacity of 10 bushels; made of galvanized wire, bolted to a wooden base. Price, not including wheelbarrow, \$13.75.



Broadcast Seed Sower

For accurately sowing timothy, clovers, millets, and heavy seeds of grass and other farm crops. Can be regulated to sow any required quantity per acre.

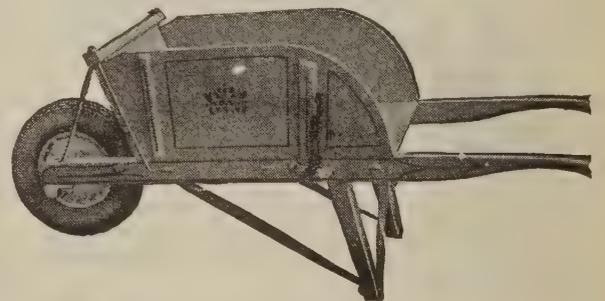
Cyclone. \$4 50



Handi-Cart

The last word in convenience for the homeowner—the successor to the wheelbarrow. Eliminates hard work and backache from shoveling or stooping to load up. Operation is as simple as using a dust-pan. Built extra strong to stand overloading and abuse, and will give years of satisfactory service.

- No. 18S. 2-cu. ft. capacity \$9 95
- No. 20D. 3-cu. ft. capacity 11 75

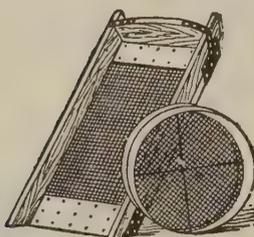


Wheelbarrows

Great American. Equipped with pneumatic rubber-tire wheel.

The measurements of Barrows indicate: length, meaning inside length of body; depth, inside depth at front; width, outside width at handles.

| | Tire In. | Length In. | Depth In. | Width In. | |
|--------------|------------------|------------|-----------|-----------|---------|
| Wood Wheels | | | | | |
| No. 1 | 2 3/4 | 30 | 12 | 25 | \$28 00 |
| No. 2 | 2 3/4 | 28 | 12 | 24 | 23 50 |
| No. 3 | 2 3/4 | 26 | 12 | 22 | 21 50 |
| Rubber Tires | | | | | |
| No. 1 | With rubber tire | | | | \$31 50 |
| No. 2 | With rubber tire | | | | 29 50 |
| No. 3 | With rubber tire | | | | 28 50 |



Large Upright Sieve

For soil, gravel, sand, etc. Made in any size mesh, of extra-heavy grade foundry wire. Price, \$25.00.

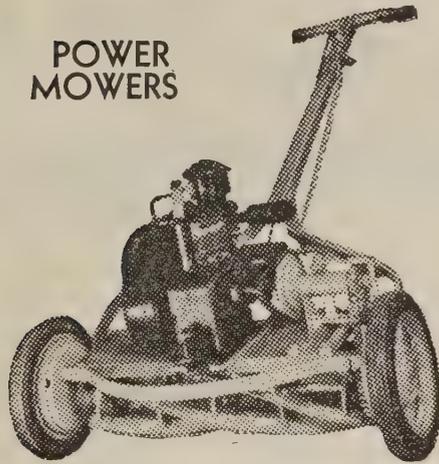
Sieves

Any size mesh. Made extra well.
Galvanized wire, 18-in.
 1/8 in. \$2 75
 1/4 in. 2 75
 1/2 in. 2 75
 3/4 in. 2 75

ALL PRICES SUBJECT TO MARKET CHANGES

MICHELL'S LAWN AND POWER MOWERS

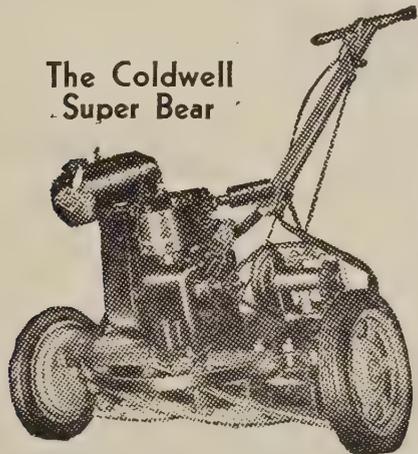
POWER MOWERS



The Coldwell Bear
Makes Mowing Easy

Here's the machine that has everything you want in a Power Mower. It's built ruggedly . . . yet it's simple to maneuver. It is powered by a quick-starting, easy-operating engine that develops 8/10 to 1 horsepower, enabling you to cut up to 3 acres per day. Operates smoothly on grades and around trees and shrubs, giving you an even cut without "scalping." Width of cut is 21 inches, and cutting height is quickly adjustable between 9/16 and 1 1/4 inches. See the Coldwell Bear soon . . . it will give you years of grass cutting freedom. Price, \$170.00.

The Coldwell Super Bear

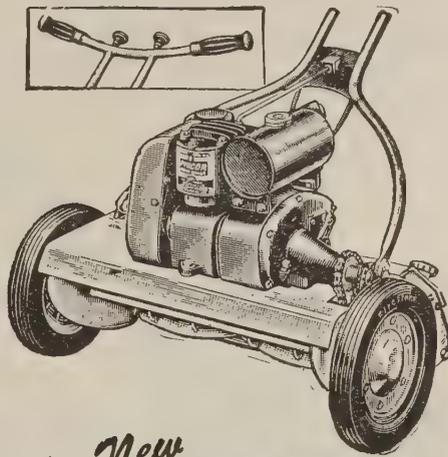


There's no Mower like the Super Bear for either smooth or rough terrain. Its powerful 1 3/4 horsepower engine starts quickly and runs smoothly. Its five alloy steel blades do a real grass-cutting job, even on steep slopes and close to buildings, trees and shrubs. Operation is simplicity itself . . . you can mow 2 to 4 acres per day with the Super Bear. Cutting blades are 21 inches wide and cutting height is adjustable between 9/16 and 1 1/4 inches. Price, \$190.00.

The Coldwell Heavy Duty

A large, heavy-duty single-cylinder power Mower designed for smooth and rapid operation, low maintenance costs and ease of handling. Perfect for use on estates, cemeteries, golf courses, etc. Without gang units, this Mower has a 30-inch cutting width and cuts from 5 to 7 acres a day. With two 21-inch gang unit attachments, cutting width increases to 66 inches and mower then cuts 12 to 14 acres per day. Develops 6.1 horsepower. Riding sulky can be supplied if desired. Price, \$570.00.

Two gang units . . . \$127 00
Sulky and attachments . . . 63 50



The New PINCOR POWER MOWER

Precision Built for Homes, Estates and Commercial Users. 20-in. cut.

The instant you see the compact, sturdy Pincor Power Mower you'll discover it's new from the ground up. You'll see built-in features that increase operating performance and save you time. You'll step behind a trim, smooth-cutting, extra powerful Mower, so easy to handle that any member of the family can use it. It's the Mower for the homeowner proud of his home and for the commercial operator demanding carefree service and dependability. Price, \$162.50.

Pincor P-18

For smaller lawns. Features include 1 1/2 horsepower, 4-cycle engine, welded steel chassis, 5-blade reel, 18-inch cutting unit adjustable from 1/2 to 2 1/2 inches. Hand controls, rubber tires. Price, \$120.00.

Pincor P-24

For larger-than-average lawns and properties. There's nothing to compare with this sensational new Pincor. It's far more than a heavy-duty power mower. Look at the features! Famous Pincor-built 1 1/2 horsepower 4-cycle engine. All welded steel chassis. Safety ratchet clutch for protecting reel against damage from stones and other solid objects. 5-blade, 7-spider power-driven reel. Mower unit quickly detachable for switchover to accessories such as snow plow, sickle bar mower and lawn roller. Price, \$235.00.

Pincor P-24 Accessories

Snow Plow. 30-in. \$31 50
Sickle Bar Mower. 36-in. 59 50
Lawn Roller. 24-in. 180 lbs. 41 00

Pennsylvania Power Mower Model R

A Pennsylvania quality special mowing unit scientifically designed and with sufficient weight to give maximum traction and stability.

Width of cut, 18 inches; weight of Mower, 111 pounds. Powered by a Briggs & Stratton 3/4 horsepower engine.

18-in. cut. \$132 50
21-in. cut. 152 50

ALL PRICES SUBJECT TO MARKET CHANGES

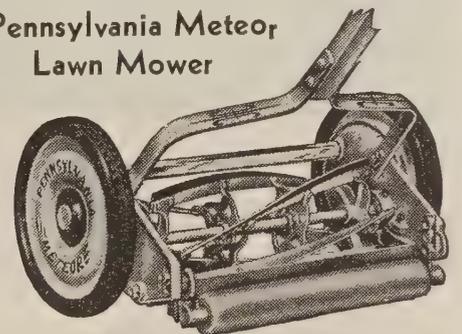
The National Sickle Bar Mower



Cuts weeds and grass whether long or short, on practically all classes of ground—hilly or stony—around trees and shrubbery—on levels or in the rough. Engine drives, both cutting and traction, you only steer. 38 in. or 40 in. \$185 00

HAND LAWN MOWERS

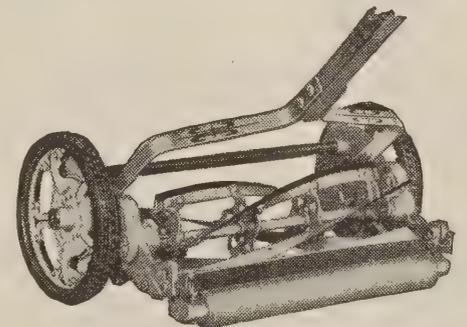
Pennsylvania Meteor Lawn Mower



Built of aluminum by Penna. Lawn Mower Co. Weighs only 36 pounds. Quiet and fast. Pushes easily. Equipped with good-quality rubber tires. 10-in. wheels, 5 crucible steel blades.

16-in. cut. \$32 95
19-in. cut. 35 00

Great American High-Wheel Ball-Bearing Lawn Mowers



This is the best all-round Mower of its type made; one of the greatest sellers of all time. It has 5 extra-wide crucible tool steel blades, oil hardened and tempered; lower blade with raised edge. Braun self-aligning ball-bearings, hardened steel cup and cones, eccentric screw adjustment with positive lock; internal gear on each wheel; steel wheel axle screwed and bolted to side plate. Can be regulated to cut grass at a height of from 1/2 to 1 1/2 inches. High wheel, 10 inches in diameter. Rubber tires.

17-in. cut. \$30 00
19-in. cut. 32 95

Pennsylvania Jr. Ball-Bearing Mower

17-in. cut. \$38 30

A Lawn Trimmer will save you time and work

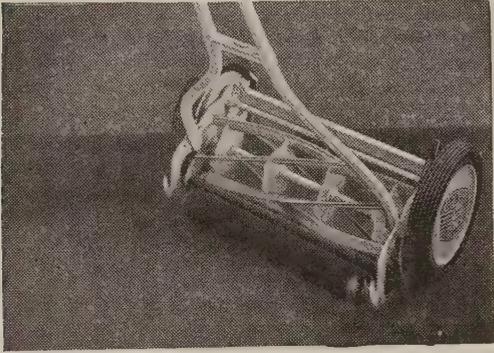
MICHELL'S LAWN MOWERS, TRIMMERS, ETC.

Pennalawn Mower

10-in. wheel, 5 blade. Rubber tires.
16-in. cut. \$20 00

Sunbeam Hand Mower

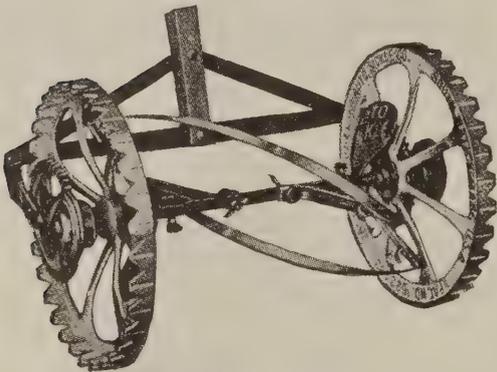
Equipped with rubber tires.
14 in. \$25 50
16 in. 26 50
18 in. 27 50



Clemson Precision Lawn Mower

Self locking, cutting-height adjustment.
Easy-rolling, light weight, rubber tires and many new features.
17-in. cut. \$31 95

The Auto Sickle



A light machine to do much of the work done laboriously by scythe and sickle.
16-in. \$27 50
24-in. 34 50

Capitol Lawn Trimmer

Comes equipped with aluminum wheel and aluminum pinion. It has a steel disc which can be adjusted in a few seconds to convert it into a first-class Edging device, while for trimming the lawn borders and walks, as well as against buildings, fences, etc., will prove to be a very satisfactory tool. Cuts a swath 6 inches wide. Price, \$18.00.

Grease for Power Mowers Tube 75c.

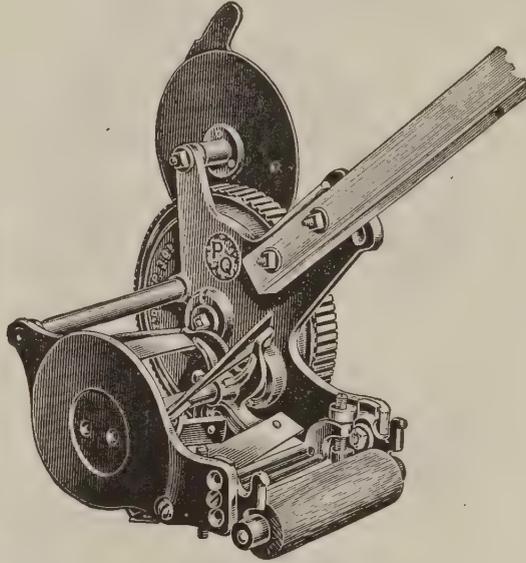
Lawn-Mower Sharpener

Price, 75c. Extra files, 30c.

Lawn-Mower Oil

Pure Oil that will not gum or get sticky is an essential for the satisfactory operation of every mower. The Oil sold by us has been selected with this point in view. Pt. 30c.; qt. 50c.; gal. \$1.50.

Pennsylvania Combined Trimmer and Edger



This machine, consisting of the Ball-bearing Trimmer, equipped with a steel disc and a small plow, will trim the overhanging grass along the edges of paths and flowerbeds, relieving the gardener of work with hand shears or a grass hook. Cutting width, 6 in. Price, \$21.80.

Grass Catchers

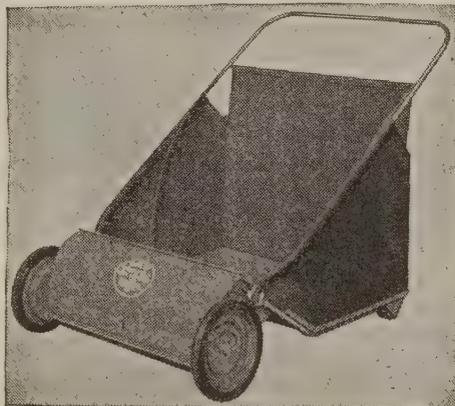
Easy Emptying. Short iron handle, round back, galvanized sheet steel bottom, heavy duck sides.

No. G10. For Mowers 12 to 16-in. . . \$2 40
No. G12. For Mowers 17 to 22-in. . . 3 40

POWER MOWER GRASS CATCHERS

17 inches high, 17 inches deep.
For Mowers 17 to 22 inches. \$4 00
18 inches high, 20½ inches deep.
For Mowers 20 to 26 inches. 5 00

Springfield Lawn Sweeper

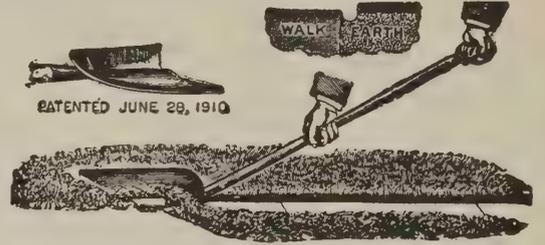


27-in., with semi-pneumatic tires \$45 00



Lawn Edger

A simple steel disc device, with a flange that runs on the cement path, to cut away the grass which hangs over the edge of the walk. This revolving disc operates very easily and does not cut away any of the soil, which some people object to. Can be used successfully on straight or curved cement paths. Price, \$2.50.



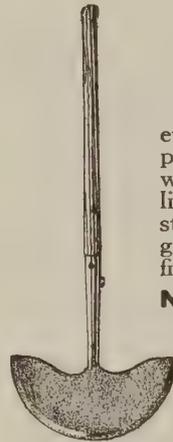
No. 136 Imperial Lawn-Edge Trimmer

With this tool the rough, straggling, overhanging grass along the edges of the walk can be trimmed in a few minutes. It plows a clean U-shaped trench, delivering the cuttings on the sidewalk, leaving the whole surroundings neat and attractive. Price, \$2.00.

Edging Knives

For trimming edges of paths, etc. No other implement will put a finish to a grass border, a walk, or a drive edged with sod like an Edging Knife. On straight work it is well to use a garden line so as to make a first-class job.

No. 040. American. With handle. Price, \$1.75.



American

Turf or Sod-Lifters

This tool is indispensable for cutting and handling sod. The long shank permits uniform thickness, which is impossible to obtain with a spade.

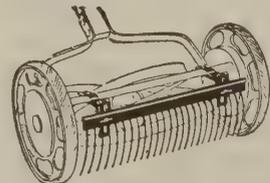
American. Steel blade, with an 18-in. steel shank and wood D handle. Price, \$4.00.

Ideal Dandelion Extractor

This simple device is the best thing of its kind ever used for taking weeds out of the lawn. It is not necessary to get down on hands and knees to operate it. The cutting blade is of the best steel, equipped with a convenient handle, so that either man, woman, or child can use it. 50c. each.

Crab-Grass Eliminators

Adjustable to fit all mowers. Lifts the seed spikes from the surface ready to be cut in the normal operation of the mower.



14-in. size . . . \$2 00

ALL PRICES SUBJECT TO MARKET CHANGES

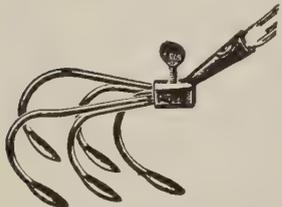
MICHELL'S FARM AND GARDEN TOOLS, ETC.

GARDEX TOOLS

These modern tools enable the farmer and gardener to do their work in a much easier and more efficient manner. They eliminate the hard work, stooping, bending, and back-breaking, chopping motions. Tools are not lifted out of the soil, but stay in the ground as you go along thus saving you a lot of energy. They have been successful not only in the garden, but also on the farm, in vineyards, and in forests.

No. 751. Gardex Dibble. Made of steel, hollow, light as a feather, with a pistol grip which does not tire your hand when planting. Painted red. Half polished. Size overall 11 $\frac{3}{4}$ in. Price, 85c.

No. 750. Gardex Hollow Planter. Lifts out the earth through its conical tube. This tool is especially suited for hard soil; with its pistol grip it is pushed into the soil, given a quarter turn and then lifted out. The soil is not packed but taken up by the hollow tube automatically through the opening at the top as the next hole is dug. Thus the walls of the hole are not packed which gives the young plants an easy bed for a quick start. Painted red. Diameter of hole, 1 $\frac{1}{2}$ in. Price, 85c.



Seven Tools in One—Gardex New Interchangeable Cultivator. Only four parts.

The wing screw holds all prongs tightly in place, yet permits quick changing to a Cultivator with 1, 2, 3, 4 prongs, thus one can cultivate in rows of various widths or straddle the rows. The one-prong tool can be used in small corners or very narrow rows, because the prong-holder is no wider than the prong itself. Price, \$1.65.

No. 1523. Gardex Cultivator with Weeder. Cultivate and weed with one tool. The 3-prong Cultivator loosens the soil thoroughly while the weeding-blade cuts off weeds quickly. One tool for two purposes. Painted red. 3 prongs 4 $\frac{1}{2}$ in. wide. Weeding-Blade 4 in. Price, \$1.25.



Small Cultivator

The ideal tool for flower and rock-gardens.
No. 1503. 4-ft. handle. Price, \$1.10.



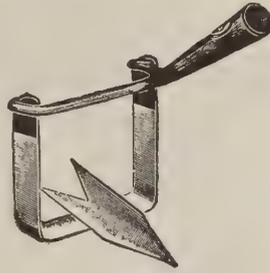
Invincible Cultivators

This will be found a useful tool for weeding, loosening the soil, preparing seed-beds, etc. Price, with long handle, 3-prong, \$1.25; 5-prong, \$1.50.

ALL PRICES SUBJECT TO MARKET CHANGES

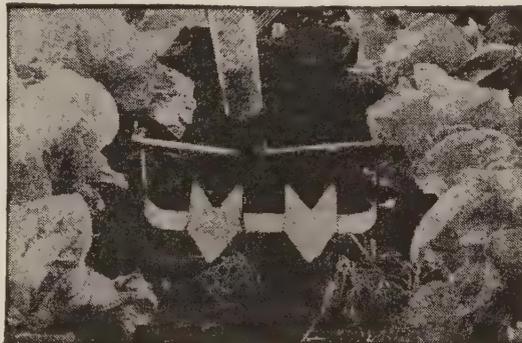
Garden Pull Hoe Weeder No. 110

Weeds efficiently even in hard, dry, heavy soil. Accomplishes five to six times as much weeding as is possible with the old-style chopping hoe.



Does a thorough job in your garden or in the field, in any type of crop.

With 1 Gardex Share. Width 5 in. Price, \$1.50.



With 2 Gardex Shares. Width 8 $\frac{1}{2}$ in. Price, \$2.10.



Sudbury Soil-Test Kit

Professional Size. Model A. Widely used by large growers, nurseries, greenhouses, and Government stations. Capacity, 200 individual tests. Inexpensive refills available. Price, \$22.50.

Horticultural Size. Model B. For the advanced amateur, or nurseries, growers, and greenhouses whose requirements do not call for the larger professional equipment. Capacity, 200 individual tests. Inexpensive refills available. Price, \$12.50.

Club Model, C. This new model in the famous Sudbury line gives a complete season of soil-testing at a far lower price than ever before. Makes 50 individual tests for nitrogen, phosphorus, potash, and acidity, showing how to lime and fertilize for best results. Cased in handsome, sturdy, imitation leather. Price, \$4.75.

Home Gardeners Size. Model D. A 20-test Kit. Complete with instructions and data on plant needs. Price, \$2.50.

Steel Bow Rakes

Preferred by many to the regular garden Rake, the teeth being slightly bent toward the operator.

No. B14. 14-tooth.....\$2 00
No. B16. 16-tooth.....2 25

Fuller Lawn Broom

Well made of good material. Has 28 flexible spring steel teeth $\frac{3}{4}$ in. apart. Price, \$2.50.



Bamboo Lawn Rakes

18-in.....\$1 75
24-in.....2 25
30-in.....2 75

Tennis Court Rake

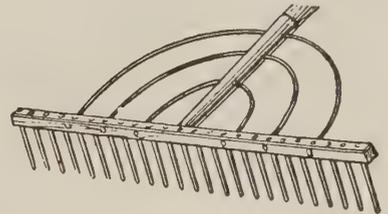
An exceptional Rake, 24 inches wide, with 36 teeth, braced on shoulders. This Rake is for special work on tennis courts, new work on golf greens, lawns, and for general purposes where a fine Rake is required. Price, \$4.25.

No. 251. Curved Tooth Rake.

Equipped with Gardex handle socket which does not allow the handle to wobble.



It is a well-balanced Rake which will rest easily in the hand without tiring the arm. An all-steel Rake of good quality. Painted green. 14 teeth. 5-ft. length. Price, \$1.00.



Wooden Rakes

Ames, No. 37X. 28-tooth; width 26 in.; steel bows. Price, \$2.50.



Pelican Pick-up Rake

Make a clean sweep on your lawn

No Bending; No Stooping; No Dirty Work

Here's a new yard Broom Rake that sweeps the lawn clean. It picks up the piles of leaves or grass and with effortless fun, drops them into the take-away containers. Light weight, lasts indefinitely. Price, \$2.25.

MICHELL'S FARM AND GARDEN TOOLS, ETC.



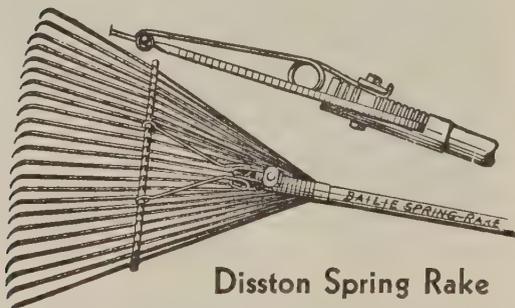
SC 14-Tooth Rake

One of the best garden Rakes. Price, \$1.75. 16-tooth. Price, \$2.00.

Floral Rake

Eight curved teeth, 2½ in. long. 4-ft. straight handle.

No. FR. Price, \$1.00.



Disston Spring Rake

Ideal for lawn or driveway. Made from spring wire.

18-tooth.....\$2 25
24-tooth..... 3 00

"New Rakette"

A sturdy, lightweight rake with flat teeth of high quality steel. Teeth are shaped to maintain full contact with the ground while raking. Reinforced by teeth-spacing bar which adds strength and keeps teeth in alignment. A good, serviceable rake at a low price.

K-11. (20 teeth).....\$1 25



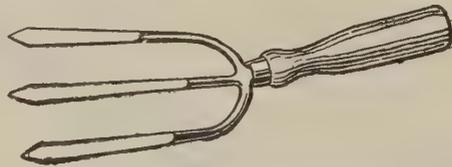
Lawn and Dandelion Rake

No. YDT. Curved saw-tooth head; 26 teeth; width of head, 15½ in.; 5-ft. handle; steel braces. Designed for use in raking or cleaning lawns and yards. Teeth will not tear the grass roots and will exterminate dandelions by cutting off blossoms before seeds mature. Price, \$1.60.



Manure Forks

Each
No. A-54½. 5-tine. Long handle...\$2 75
No. A-4-D. 4-tine. Light, D handle 2 50
No. A-44½. 4-tine. Long handle... 2 50
No. HOM4. 4-tine. Heavy, D handle 4 10



Brades English Digging Fork

No. 642. 3-prong. Made of Birmingham steel; fine for loosening soil in the garden. 12 in. long. \$1.50.

Spading Forks



Strapped shanks; short or D wood handle. Made of best-quality steel.

No. SAHD. Men's. 4-tine. Heavy...\$2 50
No. SALD. Men's. 4-tine. Light.... 2 25

Hay Fork

Tapertite ferrules.
Flex-beam

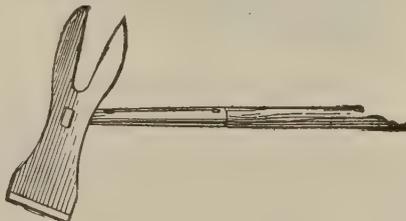


No. AB36. 3-tine; 6-ft. handle..... 2 75



Garden Hoes

No. SG6½. 6½-in.; solid shank.....\$1 80



Two-Prong Onion Hoe

Will be found very valuable in weeding narrow rows. No. 2PWF. Price, \$1.25.



Warren Hoes

Excellent tools for making drills preparatory to sowing of seed. The backs can be used for covering.

No. W7S. 7-in.....\$1 65



Baby Warren Hoe

No. BW4½. Short handle. Price, 90c.

SBT7 Square-Top Hoe



These are the standard Hoes of the sugar beet industry, for which they were first designed. Price, \$1.80.



Mattock Hoes

Union quality. Blade and eye forged in one single piece. Blades black. Depth of head 12⅞ in. Round-eyes. 4½-ft. handles.

| | | |
|--------------|-----------------|--------|
| | Width of Blades | Price |
| No. MH3..... | 1⅜ and 3 in. | \$2 00 |

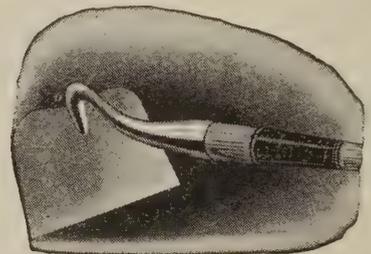
Floral Hoe

Full polished blade, 4-ft. spring pattern handles.

No. FH. Price, \$1.40.

English Scuffle Hoes

| | |
|-----------------|-----------------|
| 4-in.....\$1 60 | 8-in.....\$2 00 |
| 5-in..... 1 70 | 9-in..... 2 25 |
| 6-in..... 1 75 | 10-in..... 2 35 |
| 7-in..... 1 80 | |



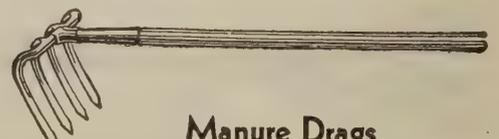
No. 906½. Competitive Field and Garden Hoe with Gardex socket pattern, high carbon steel blade. One-third polished. 4½-ft. handle. Blade width 6½ in. Price, 85c.

Small Combination Hoe and Cultivator



THE GARDEN CLUB Model

For hoeing, weeding and cultivating. Handy and practical. Bright nickel-plated steel; varnished 48-inch handle. Price, \$2.50.



Manure Drags

For spreading manure, digging potatoes, etc. Flat tines.

No. BOH. 4-tine. Heavy...\$2 25
No. BOL. 4-tine..... 2 00

ALL PRICES SUBJECT TO MARKET CHANGES

You can hardly do without a good Trowel

MICHELL'S FARM AND GARDEN TOOLS, ETC.



Steel Trowels

No. 211. These are made of one-piece steel blade and shank, with wood hand-grip.
 5-in. \$1 25
 6-in. 1 40
 7-in. 1 60

Brades English Steel Trowel

No. 645. Made with wood handle, this superior quality Trowel is just the tool required for planting. Overall length 12 in. \$2.00.



Cleves Angle Trowel

No. 217. For getting dandelion, plantain and other weeds out of the lawn, and transplanting. Each
 5-in. \$0 30
 6-in. 35
 7-in. 40



Transplanting Trowel

No. 217A. Steel shank and blade. Price, \$1.50.

All-Steel Trowel

No. 215. Price, 40c.

Dibbles

For Planting Bulbs, etc.

Equipped with wooden handles.

No. 2180. Brass point. Price, \$2.00.

No. 218. Iron point. Price, \$1.25.

Cleveland Lawn Weeder

Easy to operate; saves the back. The curved edge of the blade enters and loosens the soil, pressure on the lever then causes the toothed jaw to grasp the plant, and a slight pull dislodges it without disturbing the surrounding soil. Price, \$1.35.



Magic Weeder

Magic Weeder No. H Style

Made of heavy, galvanized, flexible wire with flattened prongs or ends.

No. A. Short handle; small. \$0 20
No. B. Short handle; medium. 30
No. BB. Long handle; medium. 50
No. F. Long handle. 1 25
No. H. Long handle; large. 1 75

Excelsior Weeder

Made of malleable iron, finished in tin. Price, 25c.

Speedy Hand Weeder

No. SHW. Price, \$1.25.

Hazeltine Weeder

No. 200. Price, 60c.

Dock and Thistle Cutter



No. SSS. \$2 50

Michell's Soil Auger

A handy tool used extensively for tree-feeding. Will cut a 1-inch hole in the heaviest soil to any depth up to 30 inches. Price, \$3.50.

Ezy Wear Garden Gloves

A soft, pliable, all-leather, dirt-proof Glove for both men and women. Specially adapted for general home use. \$1.50 per pair.

No. 825. Men's Short Gauntlet. Sizes 9 and 10. \$2.00 per pair.

No. 817. Women's Short Gauntlet. Sizes 6 and 7. Pair

Brown leather. \$2 00

White leather. 2 25

Pruning Gloves

No. 280. Horsehide, with gauntlets, Pair lined. \$3 25

No. 217. Horsehide, with gauntlets, not lined. 3 00

No. 228F. Horsehide, no gauntlets, not lined. 2 75

Poles for Tree Pruners

10 ft. long, 1½-in. diam. \$2 25

12 ft. long, 1½-in. diam. 2 50

14 ft. long, 1½-in. diam. 2 75



Clyde Tree Trimmer

No. 5407. Both blade and hook are made from the best tool steel, firmly riveted to basswood handles. Removable cutting blade and pole complete.

6-ft. \$3 50

8-ft. 4 00

10-ft. 4 50

12-ft. 5 00

14-ft. 5 50

Extra Blades for Clyde Pruners, each 25c.

Pruning Compound

Qt. \$1 00

Gal. 3 00

Mole Traps

For catching moles that ruin lawns and damage the contents of hotbeds and cold-frames. Moles usually move about 5 A.M. and 5 P.M., so that Traps should be set for that period.

Victor "Out-of-Sight" Mole Traps. Price, \$2.00.

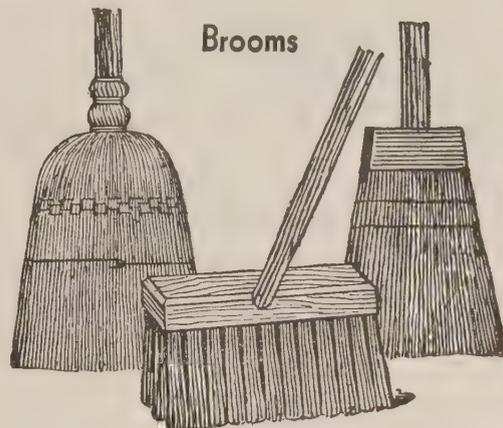
Reddick Model. Price, \$2.00.

Mouse and Rat Traps

Made entirely of steel, nickel-plated. Will not warp or crack.

Mouse \$0 10 | **Rat** \$0 25

Brooms



Plain Corn Rattan Push Fibre

No. 9. Fibre. Each \$1 75

No. 8. Corn and Rattan mixed. 1 75

Golf Greens. Birch. Doz. \$5.00. 75

No. 7. Plain Corn. Extra quality. 1 75

Road Brushes (With Handles)

No. 271. Rattan Push. 14-in. \$2 50

Implement Handles

Axe. Each \$0 60

Spade. Plain. 85

Spading Fork. Plain. 90

Manure Fork. Plain; short. 75

Manure Fork. Plain; long. 75

Shovel. Plain; short. 75

Spade. Plain; short. 75

Hoe. Plain. 35

Rake. Plain. 50

Pick or Mattock. 50

Poles. 12-ft. 2 50

14-ft. 2 75

SEE PAGE 1 FOR PARCEL POST RATES

Dock Lifter

For field and farm use. Will uproot the deepest-seated weed or dock; has tremendous leverage. Made of wrought iron and oak wood—no wear-out to it. Price, \$8.00. (Not mailable.)



Screw Drivers

4-in. Each \$0 50

8-in. 75

Post Hole Diggers

No. 8. This bores a hole 3½ feet deep and can be adjusted in diameter from 8 to 14 in. Price, \$10 00.

No. 15. Eureka. Price, \$3.50.

Post-Hole Spade. All steel with tamper end. Price, \$4.25.

Picks

(Price with handle.)

All steel double point. \$2 50

Handles, each. 50

Mattocks

(Price with handle.)

Pick pointed. \$3 50

Axe pointed. 3 50

Half Mattocks or Grub Hoes. 3 30

Handles, each. 75

ALL PRICES SUBJECT TO MARKET CHANGES

MICHELL'S FARM AND GARDEN TOOLS, ETC.

Scythes

The Little Giant is the best American-made Scythe for field and heavy grass work.

- Little Giant.** 32-in.....\$3 00
- 34-in..... 3 00
- 36-in..... 3 00
- Little Giant Brush or Briar.....** 3 00

Austrian Scythe

No. 5. The curved wide heel causes the grass to fall forward in place over the snath, which makes this Scythe so easy to handle.

- Length
- 30-in.....\$6 50

English Scythe Rivetback

- 32-in.....\$4 00
- 34-in..... 4 00
- 36-in..... 4 25

Scythe Handles

No. 30. Made of hardwood, well finished. **Regular Scythe Style.** Price, \$4.25. **Snath Clips.** Price, 50c.

Tree Scraper

For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened.

No. 3. Short handle. Price, \$1.00.

Corn Knife

No. 300. Eureka. Bent blade. Price, 90c.

Horticultural Knives

No. 727W. 2 blades. Price, \$3.75.
No. 1001. 1 blade. Coconut handle. Price, \$2.75.

Steel Hedge Knife

For cutting heavy brush, shrubbery, hedges, etc. Made of the finest steel.

No. 1. Short handle. Price, \$1.60.



English Bill Hooks

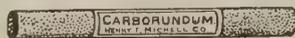
For trimming heavy shrubbery, trees, etc.
Short Handle. Price, \$3.50.



Flat Files

For sharpening lawn mowers. Each

- 8-in.....\$0 50
- 10-in..... 60
- 12-in..... 90



Scythe Stones

Each

- Sir Pike.** Talacre Style. 9½ in.....\$0 50
- Talacre.** Imported..... 60
- Darby Creek.....** 30

Axes

Plumb Made. Medium, man's size; made of best-quality steel. 3½ lb. Price, \$4.00.

Steel Hammers

No. 145. Price, \$2.25.

Hatchets

Made of the best-quality tool steel that will keep an edge.

Plumb. Price, \$3.00.

Monkey Wrenches

Made of first-quality hard steel. Each

- 8-in.....\$2 00
- 10-in..... 2 50



Steel Pliers

No. 70. Side cutting, 6-in.....\$3 00
No. 70. Side cutting, 7-in..... 3 50



Carborundum Files

No. 57. Price, \$1.00 each.



Carborundum Rifle

Price, 50c. each.

Streamline Grindstone

Substantially made; heavy steel frame with seat and double treads. Fitted with improved ball bearings of the very best quality, encased so they will keep clean. Stone, 19 to 22 in. diam., 1¼ to 2¼ in. thick. Weight, 100 lbs. Shipped knocked down, crated. Price, \$24.50.

Rubbish Consumers

No. 5. Made of heavy, crimped wire; meshed top and bottom; galvanized; 29 in. high. Price, \$7.50.

Round Hole, Steel. Price, \$7.50.

Garden Line

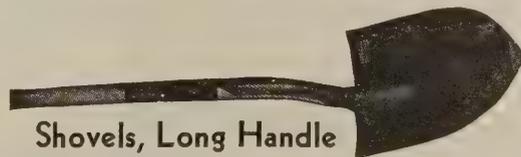
Best-quality white cotton braid, woven closely. 100-ft. hanks. Price, \$1.75.

Plow Line. Cotton. 45-ft. hanks. Price, \$1.00.



Mitchell Shovels, Short Handle

Round point.....\$2 50
Square point..... 2 50



Shovels, Long Handle

Round point.....\$2 50
Square point..... 2 50

ALL PRICES SUBJECT TO MARKET CHANGES

Floral Shovels

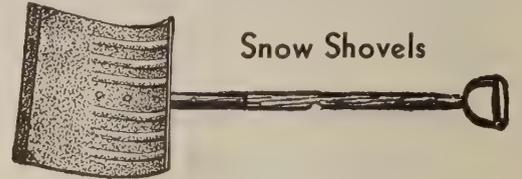
No. FSH.....\$1 75



Spades

Standard Quality

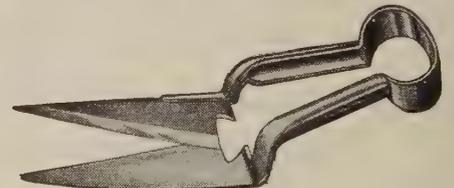
Short Handle.....\$2 50
Nursery..... 4 75
GS48. Long handle. Square point.... 2 50



Snow Shovels

Each

- Steel. 16 in. wide.....\$1 75
- Aluminum. 20 in. wide..... 2 75



Grass Shears

For trimming along walks and curbing and in other inaccessible parts of the lawn missed by the mower.

No. 012. American. 6-in.....\$2 50
No. 940. American. With grips. 5½-in..... 2 00

Doo-Klip

Keeps the hand off the ground. Operated by an easy up-and-down movement. Non-rusting. Price, \$1.95. Long handle, \$3.50.



Grass Trimmers

No. USGT. Price, \$1.00.

Border Shears

Made of finest American steel. They take the place of edging knives and avoid the necessity of doing much stooping. The Shears without wheel work equally as well as those equipped with wheel; this feature is an item of individual preference only.

No. 104. 9-in. Without wheel.....\$5 00
Handles for Border Shears. \$1.25 per pair.

Sickles or Grass Hooks

World's Finest. No. 11½.....\$1 00
Champion. No. 1½..... 75
Hand Made. No. 1..... 60
Perfect. No. 4..... 90
English Rivet Back. No. 2..... 2 50

The Little Giant Long Handle Grass Hook has a polished blade 12½ inches long, a pressed steel shank, enameled red, with a 42-inch handle, 1½ inches in diameter. Price, \$1.25.

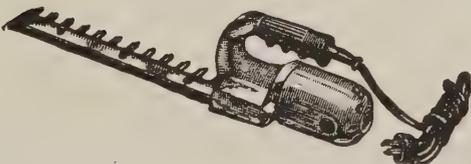
Little Giant Grass Hook. Price, 80c.
Lawn King Grass Hook. Price, \$1.00.

MICHELL'S FARM AND GARDEN ACCESSORIES

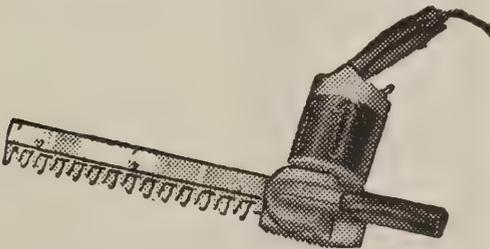


Electrimmer

Trims hedges ten times faster, and it's fun—not work. Operates from any ordinary light socket; cuts a clean, perfect swath through the toughest hedge growth. Trims 100 feet of hedge, top and sides, in 30 minutes. Complete with 8-ft. cord. \$37 50
100 ft. best-quality 18-gauge ext. cord. 8 50
Length of blade, 12 inches



Eliminates the back-breaking job of hand hedge and shrubbery trimming. Precision built, 13½-in. steel blade complete with 8-ft. rubber cord and extra handle. Price, \$34.50.



Compare These HEDGE-KLIP Features!

Longer Cutting Length: hardened tool steel blades, with 14½-in. cutting length.
Largest Improved Teeth: notched, bread-knife type teeth are ⅞-in. high and spaced 1-in. apart.
Quiet Motor: continuous duty, dynamically balanced Universal motor, 110v, AC-DC.
Balanced Weight: two full-grip handles give a perfect balance for utmost operating comfort.
No Die-Castings which might be subject to fatigue and consequent cracks.
Complete with 15 ft. Approved Cord, Switch and Plug. \$44.50

Little Wonder Hedge Trimmer

The Little Wonder Hedge Trimmer cuts every variety of hedge grown, five or six times faster than the old-fashioned hand-shear method and makes hedge-cutting a pleasure. Long cutting-bars which make a quick and even cut. Made strong and sturdy; built to last many years.

- Junior.** 30-in. cut. \$45 00
- Little Wonder.** 40-in. cut. 48 00
- Little Wonder.** 60-in. cut. 55 00
- Little Wonder Electric.**
- 27-in. cut. \$84 50
- 36-in. cut. 115 00
- 60-in. cut. 137 50



Hedge Shears

Something new in Hedge Shears. All metal complete with rubber handle grips and 8-inch forged steel blade. Price, \$4.50.



Wiss Hedge Shears

Superior construction; blades of high carbon steel, accurately hardened and tempered. Handles of drop forged steel with comfortable wood-grip handles. Don't tire the arms.

If wanted by Parcel Post, add 20c. each for postage.
8½-in. \$4 50
9½-in. 4 75

Aristocrat Hedge Shears

The lower blade is serrated to hold the branches while shearing.

No. 1. 8-in. \$3 00



Hedge Shears

Disston

- No. 30.** 8-in. \$4 50
- No. 40.** 9-in. 4 80
- No. 30.** 10-in. 4 80

Lock Bolts, Nuts, and Washers for Hedge Shears. 25c. each.

Grasswhips

The New Double-Edged, Long-Handled Grass-Cutter.

The easiest way to cut grass and weeds; cuts rapidly on both forward and backward swing.

No. 200. The gooseneck type; forged blade; double edged; 37-in. round steel shaft, with wooden handle. Price, \$1.25.

Pruning Shears

- | | Length | Each |
|---|--------|--------|
| No. 156. Disston | 8½ in. | \$3 50 |
| No. 127. Disston | 8¼ in. | 2 50 |
| No. 143. Disston | 9 in. | 2 00 |
| No. 227. Disston Superlite | | 3 50 |
| No. 403. Heavy Anvil Type | | 2 00 |
| No. 4773. American Rieser | 9 in. | 3 50 |
| No. 4770. Ladies' Type | | |
| Chromium finish | 7 in. | 3 50 |

Tiffany Lopping Shears

Makes an absolutely clean, perfect cut. The blades are concaved at the cutting edge, producing, with the handles, an enormous leverage. The easiest operating Lopping Shears ever made or sold.

- 20-in. handles \$3 75
- 24-in. handles 4 00
- 28-in. handles 4 25



No. 1 Forester Lopping Shears

Forester Lopping Shears

Powerful and ruggedly built Shears. Has patented slide-shift power slot.

- No. 1.** 20 in. long. Capacity, 1⅞ in. Weight, 2 lbs., 10 ozs. Price, \$7.50.
- No. 2.** 27 in. long. Capacity, 1½ in. Weight, 4 lbs., 10 ozs. Price, \$8.50.
- No. 3.** 34 in. long. Capacity, 2 in. Weight, 7 lbs., 4 ozs. Price, \$9.75.



Lopping Shears

No. 7. All-steel blade and arms. Blade 3 in. long; arms 15 in. long. Hardwood handles, 8 in. long. Weight, 1¾ lbs. Price, \$4.00.



Clyde Draw-Cut Lopping Shears

No. 5402. Blade, hook, and shank are forged tool steel. Natural finish ash handles 30 in. long. Pressed steel stripped ferrule and cap. Price, \$4.75.

Clyde Lopping Shears

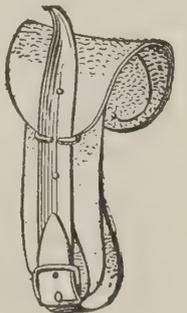
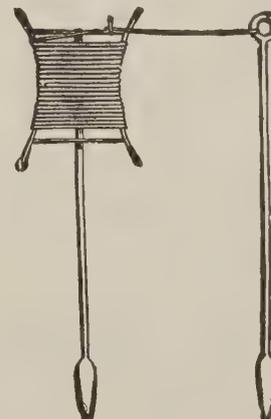
No. 5409. Solid tool-steel blade and hook. Hardened steel bolt with lock nut. Handles natural finish ash, 2 ft. long. Polished pressed steel ferrule and cap. Price, \$2.50.

Lopping Shears

Seymour-Smith. Wood handle. Heavy blades for large branches.
30-in. handles \$3 50
22-in. handles 3 00
Light blades for small branches.
30-in. handles \$3 00
22-in. handles 2 50

Husking-Pins

The Boss. Combination, leather and metal. Price, 40c.



Garden Reels

- Medium.** Single. Price, \$4.00.
- Small.** Single. Price, \$2.50.

ALL PRICES SUBJECT TO MARKET CHANGES

MICHELL'S FARM AND GARDEN ACCESSORIES

Disston's No. 55 Pruning Saw and Shear

Known as "The Orchard" and is the best combination Saw and Shear made. Curved blade makes it easy to engage and to saw the higher branches of a tree when used with pole. Can be used to advantage on the lower branches without the pole.

The blade is made of Disston steel, taper ground, with a curving taper from butt to point, 9½ inches on cutting edge; has long, slender, needle-shaped teeth; 8 points to the inch. Blade is secured to hook with round-head machine screws.

Shear frame and socket is made of malleable iron, colored orange. Shear blade of Disston steel, hardened and tempered. The shearing action of the blade makes a smoother, easier cut than any other Shear of this type.

The hook will take a ¾-in. or smaller limb. Shear blade is 4 in. long with 1½-in. cutting edge. Inside diameter of socket, 1½ in.; length, 2¼ in. Strong spring returns knife to open position. Price, \$5.25.



Carpenter's Saws

When ordering, state if rip or cross-cut is desired.

Disston No. 8D. 26-in. blade. Price, \$4.40.



No. 114 Pruning Saw

The No. 114 Pruning Saw has a hook on socket for pulling branches out of trees. This Saw is generally used with a pole. Blade curved, taper ground, with 14-inch cutting edge. Long, slender, needle-shaped teeth, 8 points to inch. Price, \$3.50.

Horticultural and Garden Books

- Book of Shrubs.** By Hottes.....\$3 50
- 1001 Garden Questions Answered.** By Hottes..... 2 75
- Woman's Flower Garden.** By Kift..... 1 50
- Soils and Fertilizers for Greenhouse and Garden.** By Laurie.. 2 50
- Book of Perennials.** By Hottes... 2 50
- Book of Annuals.** By Hottes.... 2 00
- Plant Propagation.** By Hottes.. 2 50
- Tuberous Rooted Begonias.** By Otten..... 2 00
- Climbing Plants.** By Hottes.... 3 00
- All About House Plants.** By Free 3 50
- Better Lawns.** By Sprague..... 2 00
- Garden Planning and Building.** By Ortloff and Raymore..... 2 75
- Hardy Chrysanthemums.** By Cumming..... 2 50
- 10,000 Garden Questions Answered.** By Rockwell..... 3 95
- Woman's Home Companion Garden Book.** By Wister..... 4 95
- Vegetable Encyclopedia and Gardener's Guide.** By Tiedjens..... 1 00
- Gardens in Color.** By Pratt..... 2 49



No. 4



No. D27

Disston Pruning Saws

If wanted by Parcel Post, add 15c. each for postage.

No. 4. 18-in., double edge.....\$2 75

No. 5. 20-in., double edge, curved blade..... 3 00

No. 200. California Pattern. 14-in. Crescent-shaped blade..... 3 50

No. D27. A superior Saw for tree-surgery work. Steel blade 6 in. wide at butt; 1¼ in. at the point; 26 in. long; hardwood handle..... 6 00

Cross-Cut Log Saws

No. 554. Champion. One-man. 3-ft. blade.....\$4 50

Rubbish Baskets

A Basket for gathering up rubbish and litter will be found a great convenience, especially when it is suited for the purpose. This Basket holds 3 bushels and can be carried or wheeled on a barrow. Price, \$5.00.

Garden Baskets

No. 4. Without Handle. Each
½-bus.....\$1 10
1-bus..... 1 50



Gathering Basket

Very convenient for carrying berry-boxes, asparagus, and other vegetables. Made of oak, with substantial handles. 12 in. wide, 25 in. long, 4 in. deep. Price, \$1.00.

Flower-Picking Basket

Especially designed for gathering flowers with long stems. Featherweight and roomy. 19 in. long, 11 in. wide, 4 in. deep. Price, \$1.10

Jones' Pot Bracket

No. 1. Holds 5-in. pot. Price, 65c.

No. 2. Holds 6-in. pot. Price, 75c.



ALL PRICES SUBJECT TO MARKET CHANGES

Bemis Erosionet

For New Lawns, Weak Lawns, and Stubborn Terraces



Erosionet is a strong, economical, open-mesh fabric made of tightly twisted paper twine. When placed over any seeded surface, its ¼-inch-square mesh catches and holds seed and sod firmly in place. Thus, damaging washouts from heavy rains are effectively checked without cutting off the sunlight.

Erosionet is quickly and easily applied and can readily be removed when the grass has become established. One width only—45 inches. Price, 22c. per lineal yd. in full rolls (250 yds.). Smaller lengths, 25c. per lineal yd.

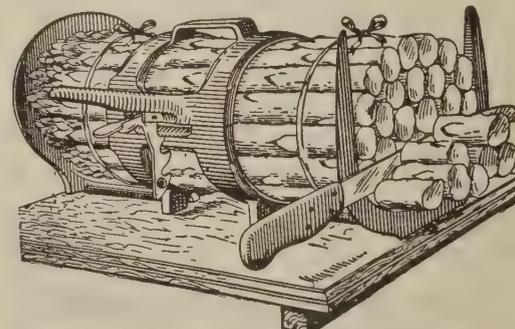
Staples for above. Doz. 50c.; 100, \$4.00.



Peat Moss, Granulated

Large bale....\$6 00
½ bale..... 3 50
1-bus. bags... 75

We offer only the highest grade, clean granulated Peat Moss, certified as to quality and uniformity. An excellent material for summer or winter mulching, and a valuable source of organic matter when incorporated with the soil.



Asparagus Bunchers

Even where one has a limited amount of asparagus to market, it pays to use a Buncher. Price, with knife-guard, \$5.50.

Asparagus Knives

No. 2500. Fishtail. Each \$0 60

Asparagus Tape

Red. 1000-yd. spool. Price, \$9.00.
Green. 1000-yd. spool. Price, \$8.00.

MICHELL'S GARDEN AND GREENHOUSE ACCESSORIES

Aeroil Weed Burner



For destroying any kind of weed or brush, killing stems, roots, and seeds. Burner can be used with any type compression tank.

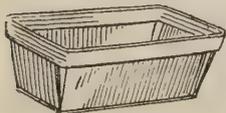
- No. 99. Senior.** Complete with 4-gal. tank and hose. Price, \$25.30. Without tank. Price, \$16.65.
- No. 99. Jr. Aeroil Weed Burner.** Price with 2-gal. tank, \$19.00. Price without tank, \$15.80.

Spray Attachment

Use with any AEROIL No. 99 Tank. Makes a high pressure sprayer. Can be used to spray disinfectants in poultry houses, barns, kennels, etc. to spray fly repellents and insecticides; Spray Nozzle and automatic squeeze type shut-off valve. Price, \$4.00.

Boss Fruit Picker

Made substantially of galvanized wire. Can easily be attached to a pole of any length. Price, \$1.00.

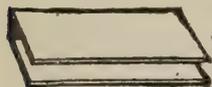


| | 100 | 1000 |
|------------|--------|---------|
| 1-pt. | \$1 85 | \$15 00 |
| 1-qt. | 2 00 | 18 00 |



Grape-Protecting Bags

Thousands of bunches of grapes are wasted annually because they are not protected against the ravages of insects, birds, etc. Michell's Improved Grape Bags are economical, easily attached, and last a season. The fruit ripens just as readily in them as it does in the open. Bags should be attached when the grapes are the size of a pea, prior to which it is suggested that they be sprayed (even though not affected) against blight or fungus. Leave Bags attached until the fruit is ready to harvest. Price, 100, \$2.50.



Peerless Glass Repair Clamp

For supporting broken lights of glass. Will not rust. Price, 100, \$2.00.

ALL PRICES SUBJECT TO MARKET CHANGES



Weather-Vane

- No. 30.** Crowing Rooster. 19 in. long; 23 in. high. Price, \$6.75.
- No. 5.** Windmill. 19 in. long; 22 in. high. Price, \$6.75.
- No. 17.** One-horse Shay. 19 in. long; 22 in. high. Price, \$11.50.
- No. 28.** Running Horse. 19 in. long; 20 in. high. Price, \$6.75.
- No. 15.** Two-masted Schooner. 19-in. long; 22 in. high. Price, \$7.50.
- No. 20.** Mistress Mary. 19 in. long; 23 in. high. Price, \$6.75.



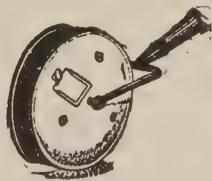
Sun-Dials

These ancient time-tellers are a part of every exclusive flower or vegetable garden, and, indeed, a very interesting one.

- No. 350.** 8-in. diam.; bronze; plain. Price, \$6.25.
 - No. 351.** 9½-in. diam.; bronze; with motto. Price, \$7.00.
 - No. 105.** 10-in. diam.; bronze; with motto. Price, \$7.00.
 - No. 107.** 11-in. diam.; bronze; with motto. Price, \$10.50.
- Prices do not include pedestal.

Tennis-Court Markers

- No. 5. Excelsior.** A practical low-cost Marker, easy to operate. Rear marking action only. Suitable for grass or dirt. Capacity, 2½ gallons. Price, \$30.00.



- No. OX.** The most practical Marker where dry lime is used. Price, \$3.50.

Commercial Whiting

An improvement over lime for marking tennis courts and athletic fields. Will not crack or curl and is less affected by rain. 50 lbs. \$2.00; 100 lbs. \$3.75; bbl. (250 lbs.) at \$3.00 per 100 lbs.



Glass Cutters

- | | |
|---|--------|
| | Each |
| Single Wheel. Steel | \$0 40 |
| 6-Wheel. Steel | 65 |
| No. 8A. Large Diamond. Mahogany handle | 10 50 |

Liquid Glazing Putty

Superior to ordinary Putty; more easily applied and lasting. Can be put on with a putty bulb or mastica machine.

Especially adapted for glazing wood and metal sash. Gal. \$3.50; 5 gals. \$15.00.

Masticote Glazing Cement

Black. Apply with a mastica machine. Gal. \$1.20; 5 gals. \$4.00.

Greenhouse Paint

A superior white Paint for sash-bars, sash-frames, etc. Gal. \$7.00.

Skybryte Glass Cleaner

For taking off whitewash shading, etc. Coat the glass with Skybryte, flush off with water, and glass is clean. Five pounds to 20 gallons of water is sufficient for 20,000 square feet of glass. 5 lbs. \$4.00; 25 lbs. \$16.50.



Glazit Gun

Model B. Capacity 1 pint. For applying liquid glazing putty, mastica, etc. Price, \$4.30.

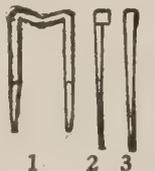


Glazing Chisel

Made of the best-quality steel. Price, \$2.50.

Glazing Points

- Peerless.** Three sizes.
- No. 1.** For single glass.
- No. 2.** For single glass.
- No. 2½.** For double-thick glass. Price, \$1.00 per 1000.



Pincers. For driving Peerless Points. Price, \$1.00.

Seibert Style. Zinc. Made with a prominent head. Cannot rust. Easily driven. 5/8-, 3/4- and 7/8-in. lb. 75c.; 5 lbs. \$3.50. (1000 to 1200 in a pound.)

Zinc Glazing Nails. Lb. 75c.

Glazing Points
No.1. Peerless
No.2. Seibert's
No.3. Zinc Nails

Putty Distributor

For distributing putty, mastica, etc. Price, \$1.75.

Mastica Machine

For distributing mastica, etc. Made of heavy zinc. Price, \$4.25.

Grafting Wax

Used for budding and grafting work and for filling small cavities in trees. ¼lb. 30c.; ½lb. 45c.; lb. 75c.

Grafting Tool

Made of the best steel. For grafting trees etc. Price, \$1.40.

MICHELL'S GARDEN AND GREENHOUSE SUPPLIES



Compound Extension Ladders

These are made in the best manner possible and are complete, being equipped with the necessary rope and pulleys.

| | | |
|------------|----------|---------|
| 20-ft..... | } \$1.30 | per ft. |
| 22-ft..... | | |
| 24-ft..... | | |
| 28-ft..... | | |
| 30-ft..... | } \$1.40 | per ft. |
| 32-ft..... | | |
| 36-ft..... | | |
| 40-ft..... | | |

Single Plank Ladders

Made of good hardwood, free from faulty knots, and with perfect rounds.

| | | |
|------------|----------|---------|
| 8-ft..... | } \$1.10 | per ft. |
| 12-ft..... | | |
| 14-ft..... | | |
| 16-ft..... | | |
| 18-ft..... | } \$1.10 | per ft. |
| 22-ft..... | | |

Step-Ladders

Columbia. 3-step up to 10-step. Price per step, \$2.05.

Celery Bleachers

B. B. Patented Celery Bleachers. Made of special-process material, scientifically treated to withstand moisture. With these Bleachers no banking of soil or putting up boards is necessary. Easy and quick results—prevents rot—produces cleaner more uniform product under all conditions.

| | | | | |
|-----------------|-------------|--------|--------|---------|
| No. | Size | Doz. | 100 | 1000 |
| B2 | 6½ x 13 in. | \$0 55 | \$4 00 | \$36 00 |
| B3 | 7 x 14 in. | 60 | 4 50 | 40 00 |

Celery Handler. Brass, \$3.00. Tin, \$1.35.

"GRO-QUICK" Electric Seed-Bed Heater

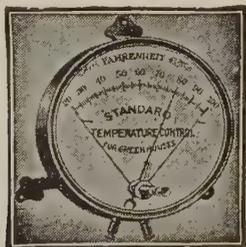
Seeds germinate faster, ready for transplanting two weeks sooner. For hotbeds, coldframes and plant benches. Operates on household current, adjustable thermostat and pilot light. Prices on extra cables will be gladly furnished on request.

Junior Gro-Quick (for 6 x 3 ft. bed) 40 ft., 200 watt cable.....\$6 75

Senior Gro-Quick (for 6 x 6 ft. bed) 80 ft., 400 watt cable.....\$9 00

Glass Dairy Thermometer

For testing milk, etc.; also used for soil purposes. Price, \$1.00.



Electric Thermostat

This device can be set to ring an alarm when the temperature goes above or drops below a desired point. All brass.

No. GH3. Not waterproof style. Price, \$19.00.

No. GH4. Waterproof style. Price, \$24.00.

THERMOMETERS

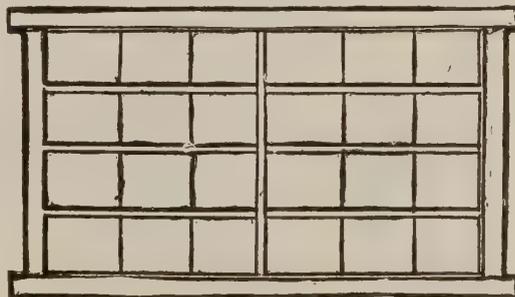
No. 326. Maximum and Minimum. Registers the coldest and warmest point during the previous night. 10-in., black tin case. Price, \$10.00.

Tested Thermometers

| | |
|--|--------|
| No. 5127. Temprite Thermometer. 8 in..... | \$2 00 |
| No. 5137. Temprite Thermometer. 8 in. Black..... | 1 00 |
| No. 5316A. Temprite Thermometer. 8 in. Black. Window or Wall..... | 2 00 |
| No. 440. Tin case. 8 in. Red column..... | 3 00 |
| No. 441. 10 in..... | 3 25 |
| No. 5400. Temprite Thermometer. 12 in. Black..... | 3 50 |
| No. 5400 P. Temprite Thermometer. 8 in. Copper..... | 3 50 |
| No. 5400P. Temprite Thermometer. 12 in. Copper..... | 4 50 |

Mushroom or Hotbed Thermometer

Iron point; oxidized finish. Price, \$4.50.



Hotbed Sash

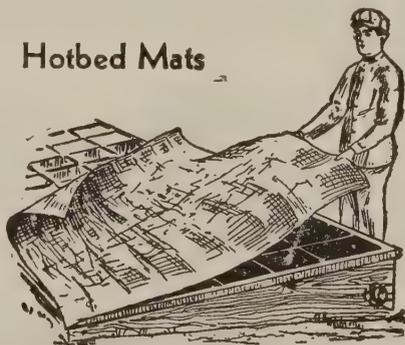
Philadelphia Style. Made of best-quality cypress. Size: 3 ft. 1½ in. wide, 6 ft. long, 1¾ in. thick. Each Plain, not glazed or painted.....\$10 00
Complete, puttied, glazed and painted.....17 50

Hotbed Frames

| | |
|---|---------|
| To hold standard size sash, one sash.. | \$14 00 |
| To hold standard size sash, two sash. | 19 00 |
| To hold standard size sash, three sash. | 21 00 |
| To hold standard size sash, four sash.. | 25 00 |

These frames will hold our regular 3 x 6 hotbed sash. They are fastened together with bolts; anyone can do it.

Hotbed Mats



Hotbed Mats keep frost and severe cold out of frames. They are padded with shoddy.

Waterproof one side. 76 x 76 in., for two sash. Each, \$8.50; doz. \$86.00.

Waterproof one side. 40 x 76 in., for one sash. Each, \$4.50; doz. \$52.00.

| | | |
|--------------------------------|--------|---------|
| Burlap, Non-Waterproof. | Each | Doz. |
| 40 x 76..... | \$4 00 | \$44 00 |
| 76 x 76..... | 7 00 | 80 00 |

Flex-O-Glass

A glazed cloth used in place of glass in poultry houses, hotbeds, greenhouses, etc. Transparent and readily admits light, while at the same time withholding cold, water and wind. 3 ft. wide.

Cut pieces, 77c. per yd. Full-roll lots (100 yds.), 75c. per yd.

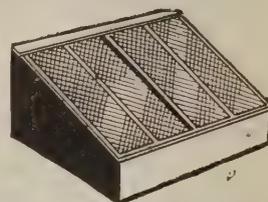
R-V-Lite Vitapane

A new transparent glass substitute used anywhere that glass is required. Allows passage of more than 60 per cent ultra-violet rays. Made from cellulose and reinforced with a tough netting fabric.

| | |
|-------------------------------|--------|
| 36 in. wide, lineal foot..... | \$0 21 |
| 50-ft. roll..... | 9 25 |
| 50-yd. roll..... | 27 65 |

Cel-O-Glass

Grow your own plants and get earlier flowers and vegetables with Cel-O-Glass. Use the new improved style on your coldframes and newly planted seeds. Not affected by hail, snow, rain or wind, and cannot break like glass. Highly translucent.



| | |
|---|--------|
| 28 in. wide, cut pieces, per ft..... | \$0 35 |
| In full rolls of 25, 50, 75 or 100 ft., per ft..... | 32 |
| 36 in. wide, cut pieces, per ft..... | 40 |
| In full rolls of 25, 50, 75 or 100 ft. per ft..... | 38 |

Neegards

The Modern Knee Protector

Ideal for gardening and housework, floorwork, linoleum laying, mining, deckwork. Makes kneeling on hard, rough ground or floors easy. They form-fit your knees and stay in place. (Can be worn over or under clothes.) Price, \$2.00.

Rubber Kneeling Pads

Will protect the clothing and prevent knees from becoming damp. Price, 75c.



Germaco Hotkaps

Germaco Hotkaps

Protects plants from frost and other elements; matures crops earlier; keeps insects out; keeps soil soft.

| | |
|---|---------|
| 1000 lots..... | \$14 65 |
| Trial Pkg. (250) including Setter and Tamper..... | 4 65 |
| Home Pkg. (100) including Setter and Tamper..... | 2 75 |
| Home Garden Pkg., containing 25 Hotkaps and Cardboard Setter..... | 70 |
| Garden Setter. Steel..... | 1 95 |

ALL PRICES SUBJECT TO MARKET CHANGES

Twist-ems are handy gadgets—try them

MICHELL'S GARDEN AND GREENHOUSE SUPPLIES

Plant Stakes

No. 10, Steel Wire, Galvanized

| | 100 | 1000 |
|------------|--------|---------|
| 2 -ft..... | \$1 90 | \$16 60 |
| 2½-ft..... | 2 30 | 20 10 |
| 3 -ft..... | 2 70 | 23 60 |
| 3½-ft..... | 3 10 | 27 30 |
| 4 -ft..... | 3 30 | 29 10 |
| 4½-ft..... | 3 95 | 34 65 |
| 5 -ft..... | 4 35 | 38 30 |
| 5½-ft..... | 4 80 | 42 00 |
| 6 -ft..... | 5 20 | 45 65 |

No. 8, Steel Wire, Galvanized

For staking American Beauty and other strong-growing roses.

| | 100 | 1000 |
|------------|--------|---------|
| 2 -ft..... | \$2 50 | \$22 75 |
| 2½-ft..... | 3 00 | 26 50 |
| 3 -ft..... | 3 65 | 31 90 |
| 3½-ft..... | 4 20 | 36 75 |
| 4 -ft..... | 4 75 | 41 65 |
| 4½-ft..... | 5 30 | 46 70 |
| 5 -ft..... | 5 90 | 51 60 |
| 5½-ft..... | 6 45 | 56 70 |
| 6 -ft..... | 7 05 | 61 70 |

Green-Painted Tapering Plant Stakes

| | Each | Doz. | 100 |
|------------|--------|--------|--------|
| 1½-ft..... | \$0 04 | \$0 30 | \$2 00 |
| 2 -ft..... | 07 | 55 | 3 50 |
| 2½-ft..... | 08 | 75 | 5 00 |
| 3 -ft..... | 11 | 1 00 | 6 50 |
| 3½-ft..... | 12 | 1 25 | 8 25 |
| 4 -ft..... | 15 | 1 50 | 9 75 |
| 5 -ft..... | 17 | 1 80 | 12 75 |

Green-Painted Rose or Dahlia Stakes

| | Each | Doz. | 100 |
|-----------|--------|--------|---------|
| 3-ft..... | \$0 15 | \$1 65 | \$11 00 |
| 4-ft..... | 20 | 2 00 | 13 50 |
| 5-ft..... | 25 | 2 50 | 18 00 |
| 6-ft..... | 30 | 2 85 | 21 00 |

Square Painted Plant Stakes

| | Doz. | 100 |
|------------|--------|--------|
| 1½-ft..... | \$0 45 | \$2 90 |
| 2 -ft..... | 60 | 3 70 |
| 3 -ft..... | 1 35 | 10 50 |
| 4 -ft..... | 2 50 | 18 25 |
| 5 -ft..... | 3 75 | 28 00 |
| 6 -ft..... | 4 00 | 30 00 |

Hyacinth Stakes

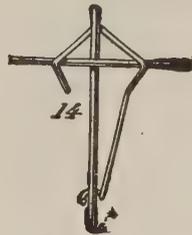
| | 1000 |
|------------|--------|
| 12-in..... | \$5 00 |
| 15-in..... | 6 00 |
| 18-in..... | 8 00 |

Cane Stakes

These are very attractive for all-purpose plant-staking. Thin and very strong.

| | Doz. | 100 | 1000 |
|--------------------|--------|--------|--------|
| 1½-ft., green..... | \$0 20 | \$1 00 | \$6 00 |
| 2 -ft., green..... | 25 | 1 25 | 7 00 |
| 2½-ft., green..... | 30 | 1 50 | 8 50 |
| 3 -ft., green..... | 35 | 1 75 | 10 00 |
| 3½-ft., green..... | 40 | 2 00 | 12 00 |
| 4 -ft., green..... | 45 | 2 15 | 13 00 |
| 5 -ft., green..... | 50 | 2 25 | 16 00 |
| 6 -ft., green..... | 55 | 2 50 | 19 00 |

ALL PRICES SUBJECT TO MARKET CHANGES



Everlasting

Stake Fasteners

These take the place of string entirely, lasting several seasons. Used for fastening cross wires to galvanized stakes.

| | Per box 500 | Per box 1000 |
|-----------------------------|-------------|--------------|
| Everlasting Style. Heavy... | \$2 00 | \$3 50 |

Everlasting Style. Heavy... \$2 00 \$3 50

Poles (Wood)

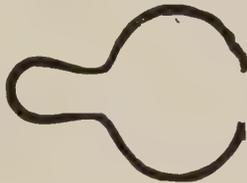
| | Each |
|-------------------------------|--------|
| 10 ft. long, 1½-in. diam..... | \$2 25 |
| 12 ft. long, 1½-in. diam..... | 2 50 |
| 14 ft. long, 1½-in. diam..... | 2 75 |

Bamboo Poles

Used extensively for brushing worm-casts off putting-greens; also for staking young trees.

| | Each | Doz. |
|------------------|--------|---------|
| 16 ft. long..... | \$1 00 | \$10 00 |
| 18 ft. long..... | 1 10 | 10 50 |
| 20 ft. long..... | 1 50 | 12 00 |

Lightning Wire Stake Tie



For fastening plants to stakes, either wire or wood. Can be used many times. 100, 35c.; box of 1000, \$2.30.

Tie Your Plants with "Twist-Ems"

"Twist-Ems" are dark green strong tapes with wire reinforcing that make perfect plant ties with a twist of the wrist. For plants, vines and arranging flowers.

8-in., box of 125. \$0 35

4-in., box of 250.....\$0 35



Train-etts

New weatherized trellis netting. Ideal support for sweet peas, garden peas, pole beans, cucumbers, tomatoes. Grows finer, larger flowers and vegetables. Hung with ease in 5 minutes; no fuss or bother. Use instead of string or wire. (Wire in sun burns delicate tendrils.) *Doesn't rot like string—lasts several seasons.* In 3 sizes: No. 1, 60 x 72 in., 65c.; No. 2, 60 x 96 in., 85c.; No. 3, 60 x 180 in., \$1.25, postpaid.

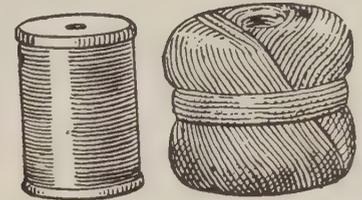
Raffia

For tying, basket-making, and fancywork. **Natural Color.** ½lb. 45c.; lb. 80c.; 5 lbs. \$3.75.

Green. ½lb. 65c.; lb. \$1.15; 5 lbs. \$5.50.

Raffiatape

For tying bouquets, flower-boxes, or for any other purpose where attractive tying material is desired. Color, Nile-green. Spool of 250 yds. \$1.20; 6 spools \$7.00.



Silkline

Green Sea Island

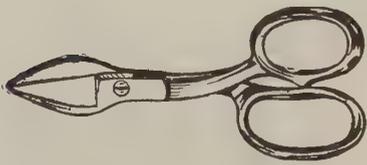
Twines, Etc.

| | Ball | Lb. |
|---|---------|---------------------------|
| White Cayuga. | | |
| No. 108. Medium..... | \$0 75 | \$1 25 |
| No. 208. Heavy..... | 80 | 1 40 |
| Jute. 2-ply and 3-ply..... | 40 | 65 |
| White Cotton. 3-ply and 4-ply | 35 | 1 20 |
| Tarred. For mat-making.... | 50 | |
| Tarred Sisal. For fodder.... | | 55 |
| Binder. Large balls. 5 lbs.... | 2 25 | |
| Express. Very heavy..... | 70 | |
| Green Sea Island. 1 lb. cones | \$1.75; | 12 balls to a box \$1.75. |
| Green Silkline. For stringing smilax, asparagus, etc. F, fine; FF, medium; FFF, coarse. Spool 50c.; lb. (8 spools) \$3.25. | | |
| Everbest Thread. Very similar to the above; fast color. 2-oz. spool 25c.; lb. \$1.50. | | |

SUNDRIES

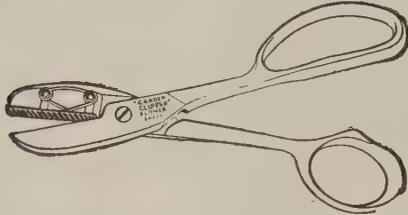
| |
|--|
| Bulb Fibre. Qt. 15c.; ½pk. 45c.; pk. 75c.; ½bus. \$1.25; bus. \$2.00. |
| Bull Dog Clips of 1000. For fastening packages, etc. Box 75c. |
| Carnation Staples. Wire. 1000, 50c. |
| Celery Paper. Width 36 in. 167 lineal ft. per roll. Roll \$4.00. |
| Celery Tape, Fast Red. 1000-yd. spools \$9.00. |
| Celery Tape, Green. 1000-yd. spools \$8.00. |
| Charcoal. Lump. Pk. 75c.; bus. \$1.75; bbl. sack \$3.75. |
| Charcoal. Ground. Coarse, fine, and powdered. Lb. 20c.; 5 lbs. 60c.; 10 lbs. \$1.00; 25 lbs. \$1.75; 100 lbs. \$6.00. |
| Moss. Green Lump. Bus. \$2.50; bbl. bag \$4.00. |
| Moss. Green Sheet. Lb. 75c.; bag \$6.00. |
| Moss, Sphagnum. Dry. Bbl. bag \$2.00; large bale \$5.00. |
| Moss, Sphagnum. Live. Pk. \$1.15; bus. \$3.00; bbl. \$5.00. |
| Pearl Chips. For bulb-bowls, aquariums, etc. White or colored. 1-lb. pkg. 15c.; 12 pkgs. \$1.50. In bulk, white, 10 lbs. \$1.00. Colored, 10 lbs. \$1.00. |
| Peat or Leaf Mould. Pk. \$1.25; bus. \$3.00; bbl. of approximately 2 bus. \$4.50. |
| Peat, Orchid. Lb. 60c.; 5 lbs. \$2.75; 10 lbs. \$4.50. |
| Pebbles. Qt. 15c.; pk. \$1.00; 100 lbs. \$3.00. |
| Pruning Compound or Tree Dressing (Fraim's). Qt. \$1.00; gal. \$3.00. |
| Salt Hay. For protection of plants and shrubs. 25 lbs. \$2.50; 50 lbs. \$4.75; bale (averaging 140 lbs.), 5c per lb.; ½ton \$32.00; ton \$60.00. |
| Sand. For propagating. Qt. 15c.; 25 lbs. 65c.; 100 lbs. \$2.00; 500 lbs. \$9.00. |
| Shaderine. For shading greenhouse glass 5 lbs. \$2.50; 10-lb. can \$4.75. |
| Soil. For potting. ½pk. 35c.; pk. 65c.; 100 lbs. \$2.50. |
| Soil, Plain Top. 100 lbs. \$2.00; 500 lbs. \$9.50. |
| Tinfol, Plain. In 5- and 6-in. widths, 1-lb pkg. 90c.; 5 lbs. \$3.75. |

MICHELL'S GARDEN AND GREENHOUSE SUPPLIES



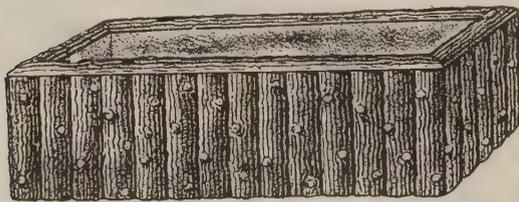
Florists' Shears

- No. 833.** 7½-in. Used for cut-flower wire, etc. \$2 75
- No. 832.** 8-in. Used for cut-flower wire, etc. 2 75
- No. A12.** 8-in. For heavy wire and tin. .2 30
- No. 10.** 11½ in. For heavy wire and tin. 3 65



Flower Shears

- No. 615.** A wonderful help for cutting and gathering flowers. Snips and holds in one motion. Handy for picking flowers that are hard to reach. Price, \$2.50.
- No. 1248.** Rose shears. Price, \$1.50.



Rustic Window-Box

Window-Boxes

Wooden, Rustic Bark Style. Attractively made and neatly finished. For indoor or outdoor use.

| Length | Depth | | Width | | Price |
|--------|---------|--------|---------|--------|--------|
| | Outside | Inside | Outside | Inside | |
| 24 in. | 7½ in. | 7 in. | 11 in. | 11 in. | \$3 25 |
| 30 in. | 7½ in. | 7 in. | 11 in. | 11 in. | 3 75 |
| 36 in. | 7½ in. | 7 in. | 11 in. | 11 in. | 4 50 |

Any length made to order, \$2.50 per running foot, 11 inches wide.

Plain Wood Style

(Painted Green)

We recommend these for use at the temporary summer home in the country or at the seashore, or in cases where one may not feel like spending a larger amount than these entail.

| Length | Depth | | Width | | Price |
|--------|---------|--------|---------|--------|--------|
| | Outside | Inside | Outside | Inside | |
| 24 in. | 6½ in. | 6 in. | 8 in. | 8 in. | \$2 75 |
| 30 in. | 6½ in. | 6 in. | 8 in. | 8 in. | 3 00 |
| 36 in. | 6½ in. | 6 in. | 8 in. | 8 in. | 3 50 |

Any length made to order, \$1.00 per running foot, 8 inches wide.

Perfecto Flower-Boxes

Air-circulating; Self-irrigating

Made of coppered steel, which will neither rust nor deteriorate. Enameled green.

| Length | Depth | Width | Price |
|--------|-------|-------|--------|
| 20 in. | 6 in. | 7 in. | \$2 25 |
| 26 in. | 6 in. | 7 in. | 2 75 |
| 32 in. | 6 in. | 7 in. | 3 25 |

Cut-Flower Boxes

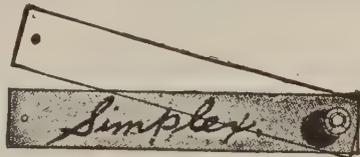
| | Doz. | 100 |
|-----------------|--------|---------|
| 21 x 5 x 3 in. | \$1 50 | \$10 50 |
| 24 x 5 x 3½ in. | 1 60 | 11 50 |
| 28 x 8 x 5 in. | 2 50 | 19 00 |
| 30 x 5 x 4 in. | 1 90 | 14 00 |
| 36 x 8 x 5 in. | 2 75 | 21 00 |

Paper for Wrapping Flowers

| | 1/2ream | Ream |
|------------------------------------|---------|--------|
| Manila. Heavy, 24 x 36 in. | \$5 00 | \$9 00 |
| Manila. Tissue, 24 x 36 in. | 2 50 | 4 00 |
| White Wax. 24 x 36 in. | 2 75 | 5 00 |
| Green Wax. 24 x 36 in. | 2 75 | 5 00 |

Window and Porch-Box Paint

Weather-resisting; mixed especially for the purpose; will not fade when exposed to weather or soil conditions. Two colors only, White or Chrome-Green. Gal. \$7.00.



Simplex Weather-Proof Plant Labels

The material carrying the writing is white celluloid, which is protected by a transparent cover of mica. Mark with an ordinary lead-pencil. Prices include wires for attaching.

| | Doz. | 100 |
|-------------------------|--------|--------|
| No. 1. 3 x ½ in. | \$0 60 | \$3 00 |
| No. 2. 4 x ¾ in. | 85 | 5 00 |
| No. 3. 5 x 1 in. | 1 25 | 7 00 |

Simplex Green Weather-Proof Plant Labels

Easily marked with a sharp, pointed steel stylus, which cuts through to the white base.

| | Doz. | 100 |
|--------------------------|--------|--------|
| No. 31. 3 x ½ in. | \$0 45 | \$2 50 |
| No. 32. 4 x ¾ in. | 75 | 4 00 |
| No. 33. 5 x 1 in. | 90 | 5 50 |

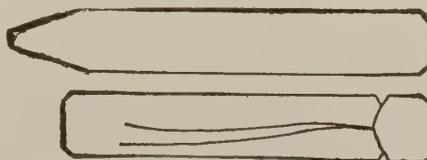
Painted Labels

| POT | 100 | 1000 |
|---------------------|--------|--------|
| 4-in., 5/8-in. wide | \$0 55 | \$3 50 |
| 5-in., 5/8-in. wide | 65 | 3 75 |
| 6-in., 5/8-in. wide | 80 | 4 75 |

| GARDEN | 100 | 1000 |
|----------------------|------|-------|
| 8-in., 7/8-in. wide | 1 10 | 10 00 |
| 10-in., 7/8-in. wide | 1 75 | 11 00 |
| 12-in., 7/8-in. wide | 2 50 | 16 00 |

| FIELD | 100 | 1000 |
|----------------------------------|------|-------|
| 18-in., 1¼-in. wide, not painted | 5 00 | 48 00 |

Tree Labels



| | 100 | 1000 |
|---|--------|--------|
| Wood, Iron Wired. 3½-in. Plain | \$0 50 | \$3 00 |
| Wood, Iron Wired. 3½-in. Painted | 60 | 3 50 |
| Copper Wired. Painted | 70 | 4 00 |
| Copper Wired. Plain | 50 | 3 25 |
| Copper Sheet, Wired. Doz. 40c. | 2 50 | |
| Zinc Sheet, Wired. Doz. 40c. | 2 50 | |

Evermark Pencils



You can read the name after months of exposure to sun and rain. For writing on all plant labels. Will not rub or wash off. 15c. each; doz. \$1.65.

Celluloid Pot Labels

| | Doz. | 100 |
|----------------------------|--------|--------|
| No. 21. 4 x 5/8 in. | \$0 40 | \$2 00 |
| No. 22. 5 x ¾ in. | 60 | 3 00 |

Perfect Garden Labels

With an ordinary lead-pencil write or print on the horizontal marking space, which remains permanently legible in all sorts of weather. The beautiful color blends with the soil, foliage, and rocks.



| Border Size. | 5 in. Doz. | 100 |
|-------------------------------------|------------|--------|
| long; width of marking space, 2 in. | \$1 25 | \$9 25 |

| Rock-Garden Size. | 4 in. long; width of marking space, 1¾ in. | 1 15 | 7 90 |
|-------------------|--|------|------|
|-------------------|--|------|------|

| Show Garden Size. | 7 in. long; width of marking space, 2½ in. | 1 50 | 11 25 |
|-------------------|--|------|-------|
|-------------------|--|------|-------|

Lawn Signs

Excellent for putting on grass plots where thoroughfare is not desired.

Iron. Painted gray, trimmed red. \$1.00 each

"No-Gunning" Signs

Printed on heavy cardboard, with large black lettering. Size 12x13 in. Each 35c.; 6, \$1.80; doz. \$3.50.

Adjusto Plant Support

Consists of a stake 7/8 inch square and of different lengths, as may be required, and an instantly adjustable patented loop of 7-gauge strong spring-wire for supporter. It contains no nails, hooks, or screws.

A permanent equipment which can be used year after year.

| |
|--------------------------------------|
| 1½ ft. high. Each 15c.; doz. \$1.20. |
| 2 ft. high. Each 20c.; doz. \$1.50. |
| 3 ft. high. Each 25c.; doz. \$2.50. |
| 4 ft. high. Each 30c.; doz. \$3.00. |
| 5 ft. high. Each 35c.; doz. \$3.40. |
| 6 ft. high. Each 40c.; doz. \$3.75. |

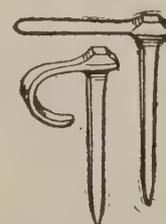


Wayward Vine Guide and Support

For training and supporting Ivy, small fruiting trees and all other vines, etc., on brick, stucco, stone and cement walls without defacing. No nails—No holes.

Red for Brick
Gray for Stone
White for Cement
Box of 25, \$1.00.

Wall Nails



For fastening climbing vines. Equipped with a soft metal clasp which holds the vine against the wall.

1½-in., doz. 80c.; 100, \$5.35.
2-in., doz. \$1.00; 100, \$6.50.

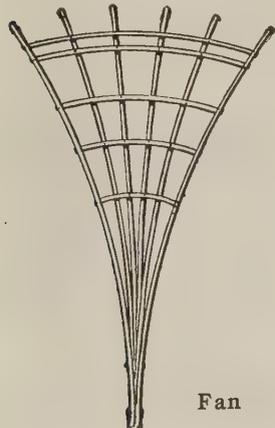
ALL PRICES SUBJECT TO MARKET CHANGES

MICHELL'S GARDEN AND GREENHOUSE SUPPLIES

Continuous Wire Trellis

Excellent for training vines of all kinds up porch verandas, pergolas, etc. Thoroughly galvanized and well made.

Any length desired up to 165 running feet 18 in. wide. Less than 165-ft. roll, 14c. per ft. 18 in. wide. In roll lots, 165 ft., 12c. per ft. 24 in. wide. Less than 165-ft. roll, 16c. per ft. 24 in. wide. In roll lots, 165 ft., 14c. per ft.



Fan Trellis

Made of wood and painted white.

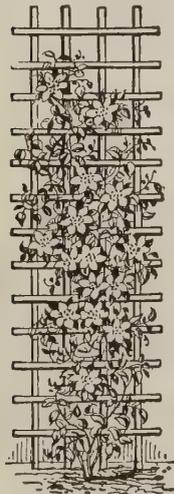
| | |
|--------|--------|
| 18-in. | \$0 40 |
| 24-in. | 55 |
| 30-in. | 75 |
| 36-in. | 1 20 |
| 42-in. | 1 50 |
| 48-in. | 1 90 |
| 72-in. | 2 80 |
| 84-in. | 3 10 |

Fan

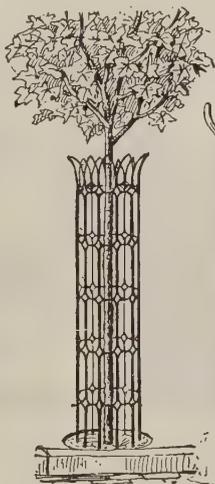
Lattice Trellis

Made of wood and painted white.

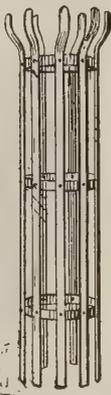
| | 18 in. wide | 24 in. wide |
|--------|-------------|-------------|
| 6-ft. | \$2 70 | \$3 50 |
| 7-ft. | 3 15 | 4 15 |
| 8-ft. | 3 50 | 4 75 |
| 9-ft. | 4 00 | 5 35 |
| 10-ft. | 4 40 | 6 00 |
| 12-ft. | 5 40 | 7 00 |



Lattice Trellis



Wire Guard



Iron Guard

Tree Guards

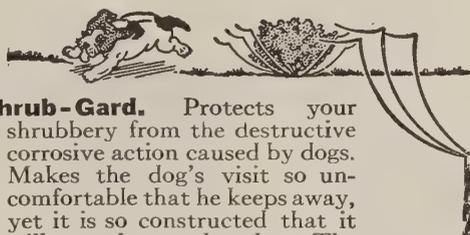
Galvanized Wire. Carefully made of heavy material and finished in a neat and substantial manner. Each

| | |
|--------------------------|--------|
| 9-in. diam.; 6 ft. high | \$3 50 |
| 12-in. diam.; 6 ft. high | 4 00 |

No. 4. Iron. Made of flat iron, finished black. Will last indefinitely with an occasional painting. 12-in. diam.; 5 ft. high. Price, \$6.00.

Philadelphia Official Tree Guard. Made of heavy, round iron. 12-in. diam.; 6 ft. high. Price \$10.00.

ALL PRICES SUBJECT TO MARKET CHANGES



Shrub-Gard. Protects your shrubbery from the destructive corrosive action caused by dogs. Makes the dog's visit so uncomfortable that he keeps away, yet it is so constructed that it will not harm the dog. The SHRUB-GARD is a unit of steel spring wires that are flexible and will not tear clothing of passersby.

Each SHRUB-GARD has three prongs and covers approximately 2½ lineal feet. Packed one dozen to a carton. Weight 2½ lbs. Price, doz. \$3.00.

Poultry Wire Netting

No. 19. Galvanized; 2-inch mesh; 150 running feet per bale.

| Width | Price | Width | Price |
|--------|-------|--------|-------|
| 12 in. | on | 42 in. | on |
| 18 in. | on | 48 in. | on |
| 24 in. | on | 60 in. | on |
| 30 in. | on | 72 in. | on |
| 36 in. | on | | |

No. 20. Galvanized; 1-inch mesh; 150 running feet per bale.

| Width | Price | Width | Price |
|--------|-------|--------|-------|
| 12 in. | on | 42 in. | on |
| 18 in. | on | 48 in. | on |
| 24 in. | on | 60 in. | on |
| 30 in. | on | 72 in. | on |
| 36 in. | on | | |

Staples

¾-in., for fastening netting. Lb. 25c.

Bark

Rustic (Cedar). For covering boxes, columns, or any other article.

| | |
|----------------------------|--------|
| 1 sq. ft. | \$0 20 |
| 25 sq. ft. | 3 75 |
| Bundle of about 50 sq. ft. | 5 50 |

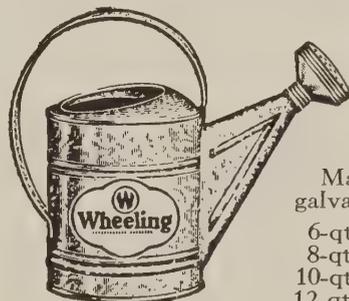
Birch. Lb. 50c.; 10 lbs. \$3.75.

Cork Bark. Sheets 1½ to 2 ft. wide, about 4 ft. in length. Lb. 50c.

Flower-Bed Fencing

For putting around beds, lawns, etc. Any length desired, up to 100 running feet.

| | |
|------------------------------------|------|
| 16-in. Less than 100-ft. roll, ft. | 12c. |
| 16-in. In roll lots, 100 feet, ft. | 10c. |
| 22-in. Less than 100-ft. roll, ft. | 14c. |
| 22-in. In roll lots, 100 feet, ft. | 12c. |



Michell's Watering Cans

Made of light galvanized iron.

| | |
|--------|--------|
| 6-qt. | \$1 75 |
| 8-qt. | 2 50 |
| 10-qt. | 3 00 |
| 12-qt. | 3 25 |

Watering Cans Wotherspoon's

Galvanized; extra heavy, with long spout and two roses—one coarse and one fine. These cans are not mailable.

| | Round |
|--------|--------|
| 6-qt. | \$9 00 |
| 8-qt. | 10 00 |
| 10-qt. | 11 00 |
| 12-qt. | 12 00 |



Soil Soaker

Water seeps through entire length gently—no spray—puts water where you want it—all soaks to the roots. Made of scientifically created, mildew-resistant canvas; one end screws to water hose, other end closed.

4 Home Sizes

| | |
|---------------|--------|
| No. 0. 12 ft. | \$1 65 |
| No. 1. 18 ft. | 2 20 |
| No. 2. 30 ft. | 3 40 |
| No. 3. 50 ft. | 5 50 |



Rubber Hose

Per ft.

| | |
|--------------------------------|--------|
| Gates. ¾-in. Extra quality | \$0 26 |
| Michell's Special. ½-in. | 22 |
| Michell's Special. ¾-in. | 26 |
| Tiger. ⅝-in. 1-braid | 16 |
| Black Bulldog. ¾-in. | 27 |
| Spray Pump Hose. ⅝-in. 2-braid | 24 |
| High Pressure Hose. ⅝-in. | 40 |

All brands come in reels of 500 feet and sections in any length to that number of feet may be had.

25- and 50-foot sections of Hose coupled free. Smaller sections coupled at the rate of 50c. per pair for couplings.

Hose Washers. ¾-in., doz. 5c.; ¼lb. 35c.; lb. \$1.20. 1-in., doz. 6c.; ¼lb. 60c.; lb. \$1.85.

Amepeco Hose

Clear amber Hose. Kink-proof; crack-proof. Very light, non-soiling and easy to handle. Equipped with machined fittings and guaranteed for five years.

| | |
|----------------------|---------|
| ¾-in., 25-ft. length | \$13 75 |
| ¾-in., 50-ft. length | 24 50 |
| ⅝-in., 25-ft. length | 6 95 |
| ⅝-in., 50-ft. length | 12 95 |

Green (Guaranteed 2 Years)

⅝-in. only, 50-ft. length. 9 95

Koroseal Plastic Garden Hose Red or Green

Very light in weight. Mirror finish inside and out. Easy to handle; resists oil and grease. Made by Goodrich.

| | |
|--------------|--------|
| ⅝-in. 25 ft. | \$5 75 |
| ⅝-in. 50 ft. | 9 85 |

The New Electric Hose

A two-braid rayon thread, quite an improvement over the old cotton thread. Can be cut in any length. Per ft.

| | |
|---------------------|--------|
| ¾-in. 2-braid rayon | \$0 35 |
| 1½-in. | 30 |

Hose equipment should be part of your stock-in-trade

MICHELL'S DUSTERS AND SPRINKLER ACCESSORIES

| Hose Menders | | Each | Doz. |
|--------------|---------|--------|--------|
| Cooper's. | 3/4-in. | \$0 15 | \$1 65 |
| Cooper's. | 5/8-in. | 15 | 1 65 |
| Cooper's. | 1/2-in. | 15 | 1 65 |

Perfect Hose Menders

Made entirely of brass, with swivel motion—no band required.

For 1/2-in. and 3/4-in. hose. Price, each 20c.; doz. \$1.50.

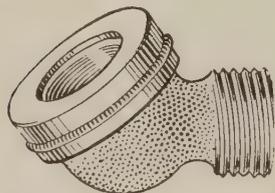


Hydrant Attachments

For attaching hose to smooth faucets.

No. 2. For small spigot. Price, \$1.00.

No. 3. For large or standard spigot. Price, \$1.00.

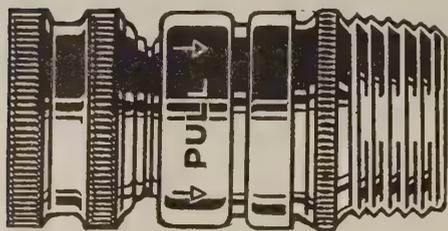


Snap-on Coupling

Chrome. Price complete, \$1.10. Extra Faucet attachment for coupling, 40c.

Quick Hose Connector

No. H353

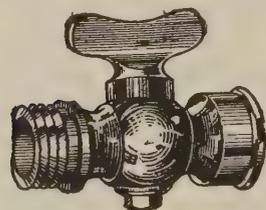


| | |
|-----------------|--------|
| Faucet end..... | \$0 35 |
| Hose end..... | 55 |
| Complete..... | 85 |

Hose Reducers

For reducing 1-in. pipe to fit regular 3/4-in. hose. Price, 50c.

For reducing 3/4-in. pipe to fit 5/8-in. hose. Price, 90c.



Shut-Off Connection

Cast brass, polished; 3/4-in. male thread on one end; 3/4-in. female thread on other end. Price, \$2.00.

Hose Bands

Caldwell's. For fastening couplings and menders.

| | Doz. | Gross |
|----------------------------|--------|--------|
| No. 8. For 4-ply hose..... | \$0 60 | \$6 20 |
| No. 6. For 3-ply hose..... | 60 | 6 20 |

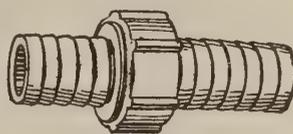
Pliers for above, pair 40c.
Sure Grip. Can be furnished in 1/2-in., 5/8-in. and 3/4-in. Either size, each 5c.; doz. 60c.

Siamese Hose Connection

No. 68. This permits one lead of hose to be diverted in two directions. Additional three-way connections can be used according to the water pressure. It is specially adapted for lawn sprinkling. Price, \$1.50.



Hose Couplings



| | Pair | Doz. |
|--------------------------|--------|--------|
| Plain Brass. 1/2-in..... | \$0 45 | \$4 70 |
| Plain Brass. 5/8-in..... | 45 | 4 70 |
| Plain Brass. 3/4-in..... | 45 | 4 70 |

Evertight Hose Coupling. Price, 85c.

Perfect. Equipped with a clamp on the male and female part for securing to the hose; no band required. For 1/2-in. and 3/4-in. hose (mention which is wanted when ordering). Pair 40c.; doz. \$4.00.

Baby Ring

Height, 2 in. Price, \$1.20



Aquamatic Hose Nozzle

A high-grade water-control, opening and closing automatically, by slightly pressing lever with the fingers. A positive, quick shut-off. Made of heavy cast brass. Price, \$3.75. Complete with spray rose and solid stream nozzle.

Spray Nozzles (3/8-in. Thread)

| | |
|--|--------|
| Mistry, Jr. Straight style..... | \$1 25 |
| Mistry, Jr. Elbow style..... | 1 25 |
| Y Connection. For making a double spray-head Nozzle..... | 60 |
| Bordeaux Nozzle..... | 1 25 |

If Nozzles are wanted for 3/4-in. hose connections, add 70c. to above prices.



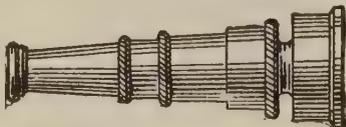
Greenhouse Spray Nozzle

(For 3/4-in. Hose)

Light Copper. Price, \$2.25.

Heavy Brass. Price, \$1.65.

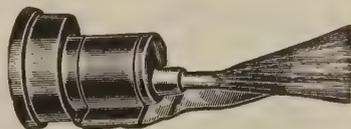
Gem Hose Nozzle



(For 3/4-in. Hose)

Can be regulated to give mist spray or solid stream. Price, \$1.00.

Champion Nozzle



A dandy Nozzle for greenhouse use. Makes a spray or a solid stream; easily adjusted. Price, 90c.

Flaring Rose Sprinkler



Ejects a fan-like spray; especially adapted for sprinkling flowers. Price, \$1.00.



Sherman Portable Sprinkler

Price, 85c.

Water Wand

Another trouble-saver for the gardener. Watering the garden becomes a real joy with "Water Wand." The long, lightweight handle enables watering the back of large flower-beds without stepping into the soft soil or trampling delicate plants. Beautifully finished in bright cadmium. Price, \$3.00.



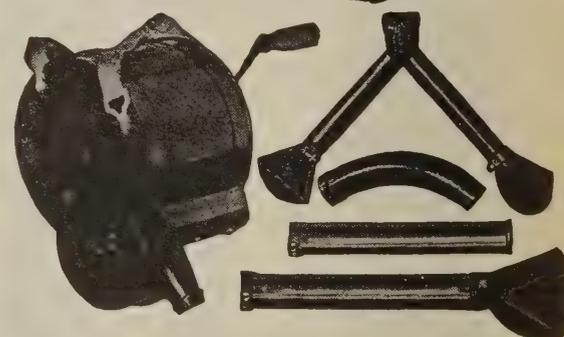
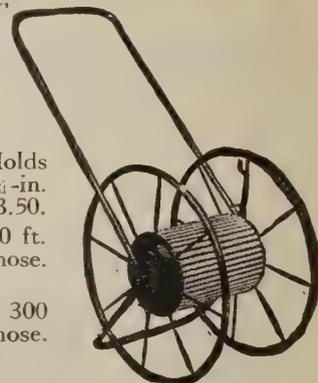
Hose Reels

(All iron)

Blue Bird. Holds 100 ft. of 3/4-in. hose. Price, \$3.50.

B-10. Holds 150 ft. of 3/4-in. hose. Price, \$7.00.

B-30. Holds 300 ft. of 3/4-in. hose. Price, \$16.00.



Challenge Duster—Model C-3B

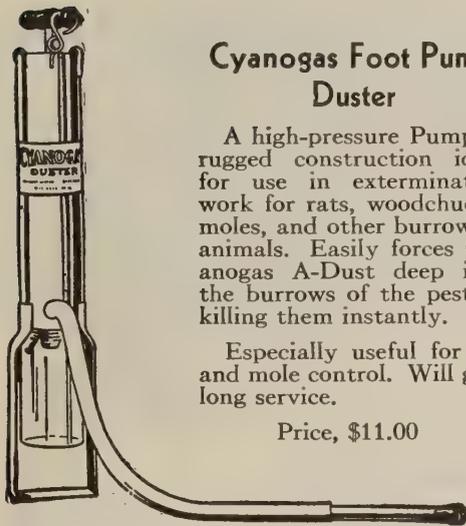
This Duster is built up to the highest standard of quality. It provides a constant mechanical agitation with a positive regular feed and easy immediate control to any rate of flow desired. The operator can walk erect while dusting. Flexible Y tubes furnished as illustrated above at small additional cost of \$2.10. Price, \$22.20.

Hudson Duster

No. 802. Adapted for small truck farms, gardens, small orchards, and vineyards. Will handle all agricultural dusts. Four-blade, high-speed fan. Equipment includes 2 Nozzles, Y connection, and 4 15-in. Telescoping Tubes. Made of heavy steel and machine-cut gears. Price, \$20.80.

ALL PRICES SUBJECT TO MARKET CHANGES

MICHELL'S DUSTERS, SPRAYERS, AND ACCESSORIES



Cyanogas Foot Pump Duster

A high-pressure Pump of rugged construction idea for use in extermination work for rats, woodchucks, moles, and other burrowing animals. Easily forces Cyanogas A-Dust deep into the burrows of the pests—killing them instantly.

Especially useful for rat and mole control. Will give long service.

Price, \$11.00

Dobbins Duster

No. 200. Price, \$21.10

A well-made Duster with steel-cut gears that run in oil. Revolving agitator feeding device with handy control and volume indicator. Curved adjustable body support. For dusting all low-growing crops such as beans, melons, potatoes, tomatoes, cabbage, berries, tobacco, cotton, etc. It can be used very effectively on shrubbery and small trees. Discharge equipment includes four 15-inch pipes, one branch connection, two elbows and two nozzles. Capacity, 5 to 10 lbs. This Duster can be made to discharge dust in rear of operator, by addition of No 1208 fittings. One in carton. Weight, 15 lbs.

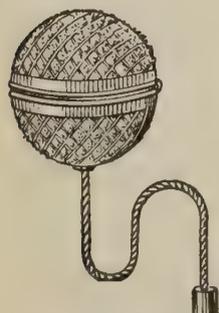
No. 132. Price, \$1.50

Highly recommended for applying the more expensive Pyrethrum, Rotenone, and dust insecticides. Equipped with 2-foot extension with patented 2-way cap for dusting top and underside of leaves. For all garden and field crops. Will handle all dust insecticides. Capacity, 1-lb. Pump; 4 in. diameter, 7½-in. stroke. Equipped with Self-Lubricating Pressure Seal Valve Plunger. Powder Chamber; 3 in. diameter, 4 ½ in. long. Furnished with 2-way dust cap perforated for dusting top of leaves and slit for underleaf dusting. 24-in. extension tube.



Brown's Crystal Duster

This new type Duster for use in either the flower or vegetable garden has the glass jar showing balance of dust therein. Equipped with a long extension and adjustable nozzle which permits dusting without bending. Capacity, 1 qt. Price, complete, \$2.00.



Asbestos Torch

For burning out worms, caterpillars, and other tree pests. Price, 80c.

Poles. Hardwood. 12 ft. Price, \$2.50.

Myers' New Idea Knapsack Spray Pump



No. 1330A. Galvanized Tank. Capacity, 4 gals.; 1½-ft. brass extension rod. Weight, 15 lbs. Price, \$28.50.

Dobbins Knapsack Sprayer No. 45GA

4 gal. Galvanized steel. 100-lb. pressure in seven strokes. Price, \$25.20.

The New Hudson Speedway

LEKTRIK-SPRAY



Now anyone can produce a smooth, even, professional-looking finish on reed furniture, metal or wood chairs, window screens, walls, woodwork, radiators, auto fenders, tables, cabinets and countless other items inside and outside the home with the new, easy-to-use SPEEDWAY Lektrik-Spray. Simply fill the glass jar, plug into an electric outlet and flip the switch. Price, \$34.95.

Vermorel Copper Knapsack Sprayer

Works on the compressed-air principle. Compact in construction and light in weight, so that it can easily be carried around. Price, \$45.00.

Bucket Pump

No. 327½. A double brass-chamber arrangement. Price, \$7.50, including hose and nozzle.

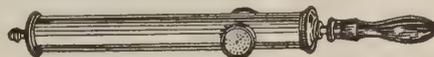
Bucket Spray Pump

Made entirely of brass, except the foot-rest and hand-grip. The prices below do not include bucket, but include nozzle and 3½ ft. of ¾-in. hose.

No. 45. With bucket fastener. Price, \$8.80.

Rubber Sprinklers

8 ozs. \$1 00 | 14 ozs. \$1 50



Heavy Brass Syringes

| No. | Diam. | Length | |
|--------|--------|--------|--------------------|
| 101/1. | 1½ in. | 18 in. | 1 spray.....\$6 50 |
| 7. | 1 in. | 20 in. | 2 sprays..... 9 50 |

Extension Pipes, Etc.

For reaching into trees. ¾-in. threads.

Brass, 2 ft. \$0 75
 Pet Cock, for extension pipes. 1 00
 Paragon Extension, 2½ ft. 60



Myers' Kwikfill Compressed Air Sprayer

No. 2242. Galvanized tank; capacity 4 gals.; 18-in. brass extension rod. Weight 13 lbs. Price, \$12.00.

No. 2240. Capacity 2½ gals. Price, \$10.75.



Auto Spray

A compressed-air Sprayer with open head and strongly reinforced corrugated tank.

No. 4D. Brown's. Steel tank; capacity 4 gals. Equipped with hose and Auto-Pop nozzle attachments. Price, \$12.50.

No. 44G. Dobbins Big Head. 4-gal. tank. Equipped with hose and attachments. Price, \$12.25.

No. 26G. Lowell Jr. Steel tank. Capacity 2½ gals. Equipped with hose and Auto-Pop nozzle attachment. Price, \$9.35.

No. 46G. Pennant-Lowell. 4-gal. Steel tank. Price, \$11.60.

Auto-Pop Nozzle Attachment. Controls the flow instantly by a pressure of the hand. When Auto-Pop attachment is purchased separately, \$1.75; complete with hose, \$2.00.

No. 22G0. Smith Banner. Heavy corrugated galvanized tank with new trigger control automatic shut-off; 24-in. brass extension and non-clog brass nozzle. Seamless brass pump. Capacity 4 gals. Shipping weight 12½ lbs. Price, \$10.85.



No. 8 De Luxe. 2-gal. capacity. Galvanized tank. Price, \$9.50.

Bellows

Large, single cone. \$9 00
 Small, single cone. 5 50
 Sulphur Bellows. 8 50

ALL PRICES SUBJECT TO MARKET CHANGES

With dependable equipment you are off to a good start

MICHELL'S HAND AND POWER SPRAYERS, ETC.



Streamline Blizzard Sprayer

No. 14C. Solid Copper Tank. Capacity, 1 1/8 qts. Continuous. Price, \$3.95.



Michell's Hand Compressed-Air Sprayer

This is the best Hand Sprayer ever offered. Very easily operated. Especially preferred by the ladies. Tin. Price, \$1.25.

Paragon Sprayers

These Sprayers are of superior quality. Will not clog. Also handles whitewash, etc.

No. 00. Capacity, 5 gals. Equipped with 5-ft. special spray hose, 3-ft. spray pipe, and 3 nozzles. Price, \$19.65.

No. 1. Capacity, 6 gals. Equipped with 5-ft. special spray hose, 5-ft. spray pipe, and 3 nozzles. Price, \$22.75.



No. 3

No. 3. Capacity, 12 gals. Equipped with truck, 10-ft. special spray hose, 7 1/2-ft. spray pipe, and 3 nozzles. Price, \$29.95. Without truck, \$25.25.

No. 4. Capacity, 28 gals. Equipped with truck, 20-ft. special spray hose, 10-ft. spray pipe, and 3 nozzles. Price, \$49.75.

No. 5. Capacity, 50 gals. Equipped with 25-ft. special spray hose, 10-ft. extension pipe, one 3-way spray nozzle, 1 single-spray nozzle; no truck. Price, \$57.75.

Bucket Washers for Paragon Sprayers, 25c.

Fittings for Paragon Sprayers

| | Price |
|--|--------|
| No. E85. 2-Way Spray | \$2 75 |
| No. B35. Extension Pipes | 65 |
| No. E86. Y Fitting | 1 10 |
| No. B7. Hose Coupling, complete | 1 20 |
| No. B18. Strainer | 1 40 |
| No. B10. Female Hose Coupling | 80 |
| No. B20. Stop-Cock | 1 10 |
| No. B24A. Mist Spray Nozzle | 1 00 |
| No. B22. Brass Hose Bands | 10 |

Hydrospear

For watering all kinds of plants, trees, and shrubbery at the roots. Fine for fertilizing and applying remedies to the roots.

Screw swivel-base connection on end of hose. Grasp handle firmly and push point into ground to desired depth. Open stop-cock and allow the amount of water desired to flow to roots. Handle, stop-cock, and hose connection are brass; tube is steel, copper plated. Price, \$6.00.

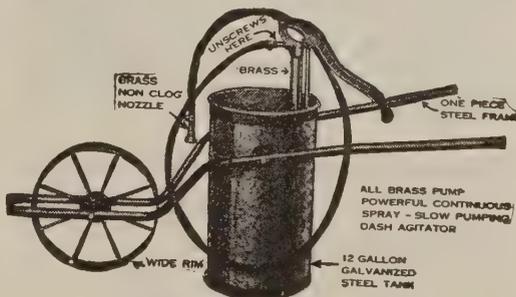


The Misto Bottle Sprayer

An ideal Sprayer for applying various insecticides to house plants. Makes a fine mist, avoiding all drip. So simple in design it will last forever; nothing to get out of order. Made of metal, nicely nicked. Can be used in connection with almost any ordinary bottle. Price, with bottle, \$2.25.

Root Irrigator

For watering plants, trees and shrubbery at the roots. By simply inserting into the ground to the desired depth and opening the valve, the water is released where it does the greatest good. Complete with shut-off valve. Price, \$3.00.



Wheelbarrow Sprayer

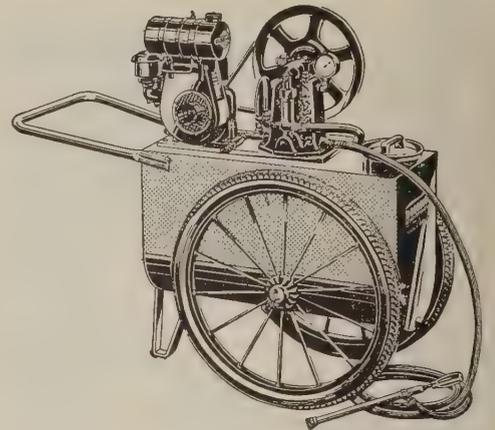
No. 60. Adapted for spraying vegetable crops, flowers, vineyards, orchards, etc.; also for spraying disinfectants or whitewash in poultry-houses or other buildings. Steel frame made in one piece; heavy galvanized tank; all-brass pump; 8-foot hose; all working parts brass; double action; continuous spray. Pump easily detached from the tank and the tank with wheel and frame used for wheeling water. Price, \$33.25.



Barrel Trucks

The Truck is constructed so that the Barrel may be detached quickly and the leaf rack attached.

Truck with 3 1/2-in. tires, all-iron wheels. \$25 00
Barrels, with trunnions, open head. 12 00
Truck and Barrel, Complete. 37 00

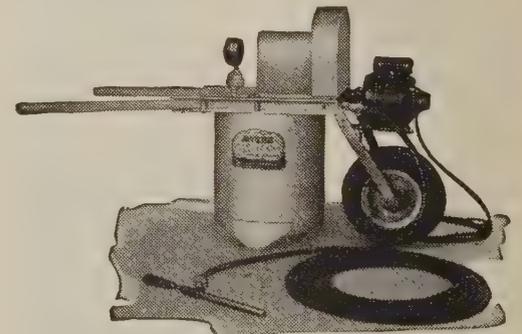


Dobbins Eveready Power Sprayer

A portable lightweight spray outfit capable of handling all spray jobs for the individual owner, landscape gardener or small grower. Outside width 18 1/2 inches; for easy access to narrow aisles and passageways. Brass pump with hardened stainless steel valve, capacity of 1 1/2 gals. per minute at 250 pounds pressure. 25-gal. steel tank. 12 1/2 ft. of 3/8-in. hose and adjustable spray gun. 26 x 2 1/8-in. pneumatic tires.

No. 4240R. Furnished with 1 1/2 h.p. Briggs & Stratton gas engine. . . . \$185 25
No. 4240ER. Electric, 1/2 h.p. 178 25
No. 4193R. Gas, 1 1/2 h.p.; 18 gal. . . . 160 00
No. 4193ER. Electric, 1/2 h.p. 18 gal. 153 00
No. 3260R. Gas, 1 3/4 h.p.; 50 gal. . . . 324 50

We solicit inquiries on other Dobbins Power Sprayers



Myers Power Sprayers

The Myers power-operated Wheelbarrow-Type Sprayers have been developed to meet an insistent demand for small-capacity, light-weight, portable Power Sprayers for greenhouses, estates, golf greens, gardens, truck patches, beans, strawberries, or wherever a Sprayer of this type is desired for the efficient and economical application of spraying materials. Can also be used for white-washing.

Especially recommended for greenhouse use.

Price includes: 15 ft. of 3/8-in. hose, Fig. 1283 Lever Shut-Off, Fig. 2957 Adjustable Nozzle, 18-in. Pipe Extension, and 300-lb. Pressure Gauge.

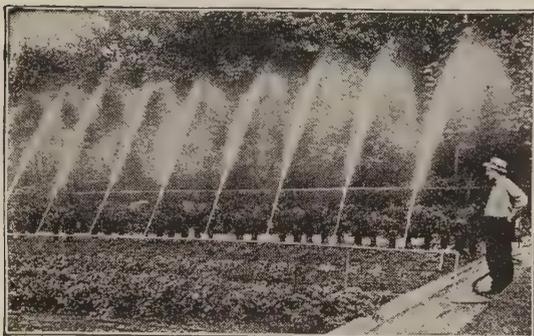
No. 4502-2MR 12 1/2. Motor-driven, with 50 ft. of cord and plug; rubber tire. 1/2 H.P. motor. Weight, 180 lbs. Price, \$215.00.

No. 4502-2ER 12 1/2. Engine-driven. Rubber tire. Weight, 182 lbs. 3/4 H.P. Price, \$205.00.

ALL PRICES SUBJECT TO MARKET CHANGES

You will get good service from these Sprinklers

MICHELL'S SPRAYERS AND SPRINKLERS



Skinner System of Garden Irrigation

Line covers 50 feet wide; complete.

| | Stationary | Portable |
|-------------|------------|----------|
| 50-ft..... | \$21 15 | \$27 00 |
| 60-ft..... | 23 60 | 30 10 |
| 100-ft..... | 33 90 | 42 90 |
| 150-ft..... | 49 90 | 65 90 |
| 200-ft..... | 65 75 | 88 00 |

Hand Turn Union is included in above prices.

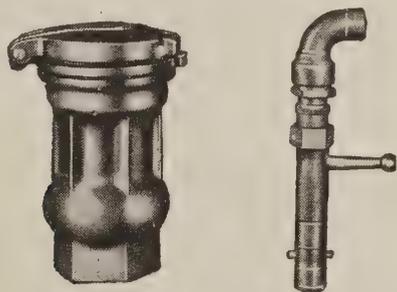
F.o.b. Factory

Prices on longer lines on request

Automatic Oscillator. For above lines \$32.00 if purchased with irrigation lines. Separate, \$38.00.

Skinner System Water Snap Valve

Valve is installed on water line so that top of valve is flush with lawn. Coupler with hose attachment is snapped into valve when water is desired. Cannot be turned on unless coupler is used.

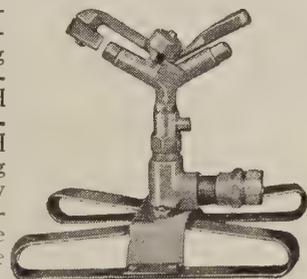


Valve for 3/4-inch or 1-inch pipe connection female thread.....\$5 85
Coupler fitted with swivel hose ell..... 6 00

Note: Coupler can be fitted with siamese double hose connection if sufficient water is available.

Skinner Utility Sprinkler

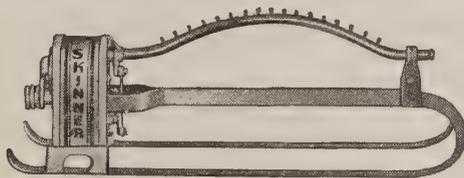
Simple, fool-proof, slow motion revolving Sprinkler. Operates by repeated impact of swinging arm, actuated by water issuing from secondary nozzle. An effective, dependable and positive Sprinkler.



| Main Nozzle | Pressure lbs. | Diameter Coverage | Gallons Per Min. |
|-------------|---------------|-------------------|------------------|
| 3/8 in. | 20-35 | 75-85 | 6-7.5 |
| 1/2 in. | 25-45 | 82-97 | 8-10.5 |

On Gal. Skid Base.....\$11 75
On Roller Base..... 13 75

Part Circle Sprinkler available on either above bases, \$3.75 additional.



Spray-Wave Sprinkler

The ideal oscillating Sprinkler for lawn, flower-bed, rock-garden, or newly seeded plot. Adjustable. Light in weight, yet sturdy and durable. Will cover a plot 40 x 40 feet at 35 pounds' pressure. Price complete, \$22.50, for 3/4-inch hose connection.



Rain-Wave

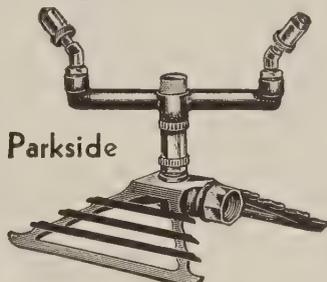
Covers a space 50 to 60 feet square. Adjustable to one-half or one-quarter full coverage. Weight, 17 lbs. Price, \$42.50.

Waterfan Sprinkler

The Waterfan Sprinkler embodies every worthwhile feature of lawn and garden irrigation. Fine gentle spray; even rainlike distribution. Wide coverage, dependability and durability. Price, \$20.00.

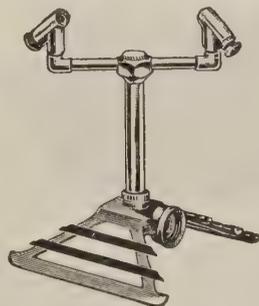
Anaconda

A reliable and popular Sprinkler. Large, polished brass head; polished brass arms. Sprinkles a circle 32 to 34 feet in diameter. 10 5/8 inches high. Price, \$2.25.



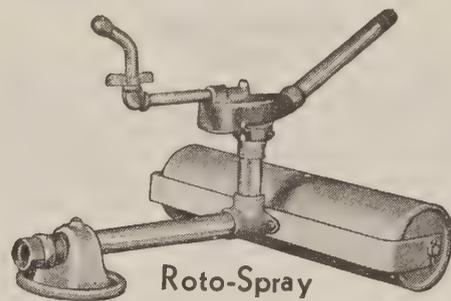
Parkside

Suitable for high or low water pressure. Adjustable for every sprinkling condition. Sprinkles from a fine mist to a heavy shower, and will cover a circle 20 to 48 feet in diameter. Price, \$4.50.



Junior

An all-purpose lawn Sprinkler. Adjustable from a revolving to a stationary Sprinkler. Suitable for high or low pressure. Coverage 30 to 40 feet in diameter. 8 inches high. Price, \$3.75.

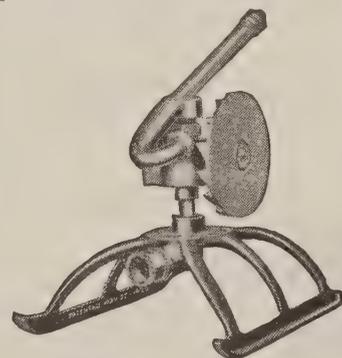


Roto-Spray

A high-type Sprinkler for parks, golf-course fairways, cemeteries, and spacious lawns. The principle of operation is a long-throw, effective stream supplemented by a secondary spray watering the central area. Covers a circle 95 to 120 feet in diameter, depending on pressure. Made of solid brass. Price, \$18.75.

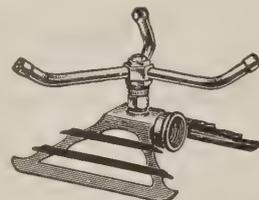
Roto-Spray, Jr.

Same principle but of lighter construction. Price, \$15.75.



Double Rotary Sprinkler

A favorite with country clubs for watering putting-greens. Covers a radius of 15 to 40 feet. Price, \$15.00.



Zenith

Highly polished brass head and arms. Sprinkles a circle up to 32 feet in diameter. 4 inches high. Price, \$2.10.



RIEGER
ROTO-MASTER
SQUARE

The New Roto-Master Sprinkler

An ideal Sprinkler, for it is new and very satisfactory. It sprays a square pattern and distributes water equitably up to 2500 feet. No danger of watering the side of a house with this one. Price, \$3.25.

ALL PRICES SUBJECT TO MARKET CHANGES

MICHELL'S GARDEN AND GREENHOUSE ACCESSORIES

Reflecto Signs White

For the suburban dweller requiring a house number or name sign easily distinguishable at night. The jeweled reflection buttons, set in cut-out letters, light up at night under head-light glare, spelling your name, house number or any directional marking, and are very attractive by day as well.

Reflecto Letters and Numerals only (with-out panel) for easy attaching to any surface are available at the following prices:

| | |
|----------------------------|--------|
| 3 in. high..... | \$0 75 |
| Numbers..... | 75 |
| Periods..... | 10 |
| Panels, 20 in..... | 70 |
| Panels, 23 to 26 in..... | 80 |
| Panels, 30 in..... | 90 |
| C-Stakes..... | 65 |
| 5c Per Letter for Mounting | |

Michell's Wagon Heater

For heating wagons, automobiles, or delivery trucks. Efficient, durable, economical, safe. 14-in. diam., 19 in. high. Price, \$14.00.

Coal for Wagon Heater

\$1.75 per 12 briquets; 100 bricks, \$14.50; 144 bricks, \$20.00.

Dupor Respirator



For protection from harmful dust and light fumes (not effective against poisonous gas). Should be worn when working with insecticidal dusts, arsenicals, and dry fertilizers. Covers nose and mouth. Price, \$3.00.

Rubber Goggles

For protection of the eyes while working with harmful dusts and gases. Price, \$3.00.

Aprons

For protecting the clothing while watering, etc.

| | |
|-----------------|--------|
| Rubber..... | \$3 50 |
| Blue Denim..... | 2 25 |

Wire

| | |
|--------------------------------------|--------|
| No. 16. Galvanized 12-lb. stone..... | \$2 50 |
| No. 18. Galvanized 12-lb. stone..... | 3 00 |
| No. 19. Galvanized 12-lb. stone..... | 3 25 |
| No. 20. Galvanized 12-lb. stone..... | 3 35 |
| No. 22. Galvanized 12-lb. stone..... | 3 50 |
| No. 24. Galvanized 12-lb. stone..... | 4 00 |
| No. 18. Annealed..... | 2 15 |
| No. 20. Annealed..... | 2 25 |
| No. 22. Annealed..... | 2 65 |
| No. 24. Annealed..... | 2 85 |

Cut Bouquet Wire For Stemming Flowers

Cut 12, or 18 inches in length.

| | |
|-------------|------------|
| | 12-lb. box |
| No. 16..... | \$2 50 |
| No. 18..... | 2 60 |
| No. 19..... | 2 65 |
| No. 20..... | 2 75 |
| No. 21..... | 2 85 |
| No. 22..... | 3 50 |
| No. 24..... | 4 00 |

ALL PRICES SUBJECT TO MARKET CHANGES

Cut-Flower Vases, Galvanized Iron

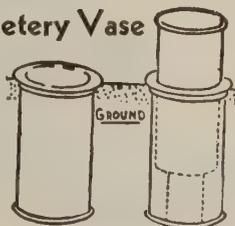
| No. | Top Diam. | Height | Bottom Diam. | Each |
|----------|-----------|---------|--------------|--------|
| 65..... | 7½ in. | 8 in. | 6½ in. | \$1 00 |
| 66..... | 9 in. | 10 in. | 7½ in. | 1 25 |
| 67..... | 9 in. | 11½ in. | 7½ in. | 1 35 |
| 68..... | 9 in. | 12½ in. | 7½ in. | 1 50 |
| 69..... | 9 in. | 18 in. | 7½ in. | 1 65 |
| 70..... | 9 in. | 24 in. | 7½ in. | 2 00 |
| 253..... | 5 in. | 10 in. | 3¾ in. | 90 |
| 254..... | 5½ in. | 11 in. | 4½ in. | 95 |
| 255..... | 6½ in. | 12 in. | 5½ in. | 1 20 |
| 257..... | 6½ in. | 15 in. | 4½ in. | 1 40 |
| 258..... | 6½ in. | 17 in. | 5¼ in. | 1 50 |

Cemetery Vase

No. 2. Tin. Enameled; large. Each 30c.; doz. \$2.50.

Ground Level Cemetery Vase

Designed to bury in the ground. Inner cup sets up for service, turns down when not in use. Made of long-life metal. Aluminum finish. Price \$1.50 ea.



Red Paper Flower Pots

Neponset Red Pots protect against root ball breakage, prevent drying out in transit, reduce setback to plants after transplanting, provide quicker resumption of growth, allow growers to reestablish plants with less care and attention, help toward earlier maturity.

| Diam | Doz. | 100 | 1000 |
|------------|--------|--------|--------|
| 2 in..... | \$0 25 | \$0 85 | \$7 85 |
| 2¼ in..... | 25 | 85 | 7 85 |
| 2½ in..... | 35 | 90 | 7 90 |
| 3 in..... | 40 | 95 | 8 30 |
| 3½ in..... | 45 | 1 15 | 10 65 |
| 4 in..... | 50 | 1 50 | 12 50 |
| 5 in..... | 55 | 2 00 | 15 25 |
| 6 in..... | 65 | 2 50 | 18 65 |

Neponset Paper Pots Green—For Growing

Every grower of plants can cut the growing costs by using these Pots. They are superior to any Pot made for the actual growing of plants.

| Diam. | Doz. | 100 | 1000 |
|------------|--------|--------|---------|
| 2 in..... | \$0 40 | \$1 35 | \$11 45 |
| 2¼ in..... | 45 | 1 40 | 11 55 |
| 2½ in..... | 50 | 1 45 | 12 50 |
| 3 in..... | 55 | 1 55 | 14 15 |
| 3½ in..... | 60 | 1 90 | 18 00 |
| 4 in..... | 75 | 2 60 | 21 30 |
| 5 in..... | 85 | 3 60 | 28 60 |
| 6 in..... | 95 | 4 60 | 36 70 |

Rubber Saucers

Durable and waterproof. Unbreakable. Protects surfaces from dampness, scratches, and ring marks. Preserves pottery. Colors: red or green.



| Size | Takes up to a | Each | Doz. |
|---------|------------------------|--------|--------|
| 5½-in. | 6-in. pot..... | \$0 35 | \$3 00 |
| 7½-in. | 8-in. pot..... | 60 | 5 75 |
| 10¾-in. | 12-in. pot..... | 1 00 | 11 50 |
| 12¼-in. | for fern and palm tubs | 2 00 | 23 00 |

Michell's Keystone Plant Tub

Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust. Handles are sold separately at 25c. per pair, not attached to Tub.

| Top | Diam. | Depth | Each |
|---------|--------|--------|--------|
| 1..... | 6 in. | 6 in. | \$1 20 |
| 2..... | 7 in. | 7 in. | 1 25 |
| 3..... | 8 in. | 8 in. | 1 30 |
| 4..... | 9 in. | 9 in. | 1 40 |
| 5..... | 10 in. | 9 in. | 1 60 |
| 6..... | 11 in. | 10 in. | 2 00 |
| 7..... | 12 in. | 11 in. | 2 40 |
| 8..... | 13 in. | 12 in. | 3 00 |
| 9..... | 14 in. | 13 in. | 3 60 |
| 10..... | 15 in. | 14 in. | 4 00 |
| 11..... | 16 in. | 15 in. | 4 50 |
| 12..... | 17 in. | 16 in. | 5 25 |
| 13..... | 18 in. | 17 in. | 6 00 |
| 14..... | 19 in. | 18 in. | 7 50 |

Earthen Flower Pots, Etc.

| Height and Width inside | Each | Doz. | 100 |
|-------------------------|--------|--------|--------|
| 1 in..... | \$0 04 | \$0 35 | \$2 70 |
| 1½ in..... | 04 | 40 | 3 00 |
| 1¾ in..... | 04 | 45 | 3 25 |
| 2 in..... | 05 | 50 | 3 50 |
| 2¼ in..... | 05 | 55 | 4 00 |
| 2½ in..... | 06 | 60 | 4 25 |
| 3 in..... | 06 | 65 | 4 75 |
| 3½ in..... | 08 | 75 | 5 25 |
| 3¾ in..... | 10 | 90 | 6 25 |
| 4 in..... | 12 | 1 10 | 7 25 |
| 4½ in..... | 14 | 1 35 | 9 00 |
| 5 in..... | 18 | 1 75 | 12 00 |
| 5½ in..... | 22 | 2 25 | 15 00 |
| 6 in..... | 27 | 2 75 | 18 00 |
| 6½ in..... | 36 | 3 50 | 24 00 |
| 7 in..... | 40 | 4 00 | 28 00 |
| 8 in..... | 60 | 6 00 | 40 00 |
| 9 in..... | 90 | 9 00 | 60 00 |
| 10 in..... | 1 20 | 12 00 | 75 00 |
| 12 in..... | 2 50 | 24 00 | 150 00 |
| 14 in..... | 4 00 | 40 00 | 275 00 |

Azalea Pots

| Diam. | Depth | Each | Doz. | 100 |
|------------|------------|--------|--------|---------|
| 5 in..... | 4½ in..... | \$0 18 | \$1 75 | \$12 00 |
| 6 in..... | 5 in..... | 27 | 2 75 | 18 00 |
| 7 in..... | 6 in..... | 40 | 4 00 | 28 00 |
| 8 in..... | 7 in..... | 60 | 6 00 | 40 00 |
| 9 in..... | 7½ in..... | 90 | 9 00 | 60 00 |
| 10 in..... | 8 in..... | 1 20 | 12 00 | 75 00 |

Earthen Bulb Pans

| Diam. | Each | Doz. | 100 |
|------------|--------|--------|---------|
| 5 in..... | \$0 18 | \$1 75 | \$12 00 |
| 6 in..... | 27 | 2 75 | 18 00 |
| 7 in..... | 40 | 4 00 | 28 00 |
| 8 in..... | 60 | 6 00 | 40 00 |
| 9 in..... | 90 | 9 00 | 60 00 |
| 10 in..... | 1 20 | 12 00 | 75 00 |
| 12 in..... | 2 50 | 24 00 | 150 00 |
| 14 in..... | 4 00 | 40 00 | 275 00 |

Earthenware Saucers

| | Each | Doz. | 100 |
|------------|--------|--------|--------|
| 3 in..... | \$0 06 | \$0 60 | \$4 25 |
| 4 in..... | 08 | 75 | 5 25 |
| 5 in..... | 10 | 90 | 6 25 |
| 6 in..... | 15 | 1 50 | 11 00 |
| 7 in..... | 21 | 2 00 | 15 00 |
| 8 in..... | 30 | 3 00 | 20 00 |
| 9 in..... | 40 | 4 00 | 28 00 |
| 10 in..... | 60 | 6 00 | 40 00 |
| 12 in..... | 90 | 9 00 | 60 00 |
| 14 in..... | 1 20 | 12 00 | 75 00 |
| 16 in..... | 1 80 | | |

Add 10% packing charge on all Earthenware shipments outside delivery zone

We Are Unable to Ship Earthenware Goods by Parcel Post

POULTRY SUPPLIES AND INSECTICIDES

Poultry Supplies

Prices of Poultry Food fluctuate constantly and are subject to change.

- Barley.** Qt. 30c.
- Bran, Wheat.** 5 lbs. 30c.; 10 lbs. 50c.; 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.25.
- Buckwheat.** Qt. 40c.
- Catnip Balls.** A plaything and tonic for your cat. Each 35c.
- Chick Food (Michell's).** 5 lbs. 75c.; 10 lbs. \$1.25; 25 lbs. \$2.25.
- Corn Meal.** Special Process. 5 lbs. 60c.; 10 lbs. \$1.00; 25 lbs. \$2.00; 50 lbs. \$3.50; 100 lbs. \$6.00.
- Cracked Corn.** 5 lbs. 65c.; 10 lbs. \$1.00; 25 lbs. \$2.25; 100 lbs. \$7.00.
- Developing Food (Michell's).** 5 lbs. 75c.; 10 lbs. \$1.25; 25 lbs. \$2.25.
- Grit, Fine, Medium, and Coarse.** 5 lbs. 15c.; 10 lbs. 25c.; 25 lbs. 50c.; 100 lbs. \$1.50.
- Grit (Red Cross Health).** For pigeons, 5 lbs. 30c.; 10 lbs. 50c.; 25 lbs. 85c.; 100 lbs. \$2.75.
- Hemp Seed.** Lb. 35c.; 5 lbs. \$1.50; 10 lbs. \$2.85.
- Kaffir Corn.** Lb. 30c.; 10 lbs. \$2.50.
- Linseed Meal.** Lb. 30c.; 5 lbs. \$1.25.
- Mash Food (Laying Buttermilk).** 5 lbs. 75c.; 10 lbs. \$1.25; 25 lbs. \$2.25.
- Oyster Shells, Fine or Coarse.** 5 lbs. 25c.; 10 lbs. 40c.; 25 lbs. 65c.; 100 lbs. \$2.00.
- Pigeon Food.** 5 lbs. 85c.; 10 lbs. \$1.50; 25 lbs. \$2.50; 100 lbs. \$7.00.
- Poultry or Scratch Food (Michell's).** 5 lbs. 75c.; 10 lbs. \$1.25; 25 lbs. \$2.25.
- Bird Gravel with Charcoal.** Each 10c.; doz. \$1.00.
- Bird Gravel without Charcoal.** Each 10c.; doz. \$1.00.
- Bird Manna.** Keeps canaries in prime condition and prevents the loss of song. Pkg. 15c.
- Canary Seed.** Plain Sicily. Recleaned and of excellent quality. Lb. 25c.
- Canary Seed.** Mixed. A mixture of the finest quality and in proper proportions. Lb. 25c.; 5 lbs. \$1.10; 10 lbs. \$2.10.
- Cuttlefish Bone (Spratt's).** Good for digestion and general health. Each 10c.; ¼lb. 35c.; lb. 85c.
- Cuttlefish Bone.** With holder for fastening to cage. Each 25c.
- Lettuce Seed.** A slight sprinkle of this is much relished by canaries. Oz. 15c.; ¼lb. 35c.; lb. \$1.00.
- Maw Seed.** Calculated to improve the song of canaries, etc. Lb. 35c.; 5 lbs. \$1.50.
- Millet Seed.** Recleaned seed; nutritious and appetizing. Lb. 30c.; 5 lbs. \$1.25; 10 lbs. \$2.00.
- Parrot Food. (Spratt's).** Small pkg. 25c.; large pkg. 40c.
- Rape Seed.** Will keep the birds in excellent condition. Feed with canary seed. Lb. 35c.; 5 lbs. \$1.75; 10 lbs. \$3.00.
- Sand, Red.** Fine. For bird-cages. Pkg. 10c.; doz. pkgs. \$1.00.
- Sand, Silver.** Fine. Pkg. 10c.; doz. pkgs. \$1.00. Bulk, pk. 85c.; bus. \$2.50.
- Sand or Gravel, Silver.** Coarse. For parrots' cages. Pkg. 10c.; doz. pkgs. \$1.00. Bulk, pk. 85c.; bus. \$2.50.
- Song Restorer.** For canaries. Bottle 25c.; doz. \$2.50.

Spratt's Sing Song. A tonic and song restorer. Pkg. 15c.

Sunflower Seed. We are very large handlers of this important food for parrots. Our customers may depend on getting a very choice article. Lb. 40c.; 3 lbs. \$1.15; 5 lbs. \$1.85; 10 lbs. \$3.50.

Wild Bird Cake. A balanced food of pure ingredients—seeds, grains, and berries selected because of food value. Each 40c.; 3 for \$1.10.

Wild Bird Seed Mixture. Lb. 15c.; 5 lbs. 70c.; 10 lbs. \$1.25; 25 lbs. \$2.75; 100 lbs. \$9.50.

Prices on Bird Seed in large quantities quoted on application

Paper Egg Boxes (1 doz. cap.)

Suwanee Paper Egg Cartons. Capacity, one dozen each. Made of heavy cardboard. Doz. 50c.; 100, \$2.40; 1000, \$22.00.

Eagle Style. Light-weight cardboard. Doz. 35c.; 100, \$1.75; 1000, \$15.00.

Metal Egg Boxes

| | |
|------------------|--------|
| 1-doz. size..... | \$1 75 |
| 2-doz. size..... | 2 00 |
| 3-doz. size..... | 2 50 |
| 4-doz. size..... | 3 00 |
| 6-doz. size..... | 3 50 |

MICHELL'S POULTRY REMEDIES, DISINFECTANTS, ETC.

Carbola. Paints and also disinfects. Dries white. An improvement on whitewash, combining the features of a cold-water paint and disinfectant. Will not rub or chip. Not a lime product. 5 lbs. 75c.; 10 lbs. \$1.25; 25 lbs. \$2.75; 50 lbs. \$4.85.

Carbolineum. A poultry-house disinfectant, louse and mite destroyer; insures absolute riddance of the pests if applied but twice a year. Excellent for preserving wood against rot and decay. In gallon cans only. Gal. \$2.25; 5 gals. \$8.75.

Chemo. A liquid lice killer that will not discolor the plumage of white poultry. Gal. \$2.50.

Pratt's Disinfectant. For dipping and spraying poultry and stock. Qt. 85c.; gal. \$2.25.

Spratt's Dog Soap. Entirely free from poison, and at the same time most effective in the destruction of lice and fleas. Cake, 25c.

Spratt's Dog Cakes

Spix. A bone-sized biscuit for small breeds. 13 ozs. 30c.; 5 lbs. \$1.50.

Ovals. A miniature biscuit for small breeds. 13 ozs. 30c.; 5 lbs. \$1.50.

Fibo. A granulated food. 5 lbs. \$1.25.

Sulphur Candles. Each 25c.

Tobacco Dust. For dusting on roosts, nests, etc., to keep away vermin. Lb. 15c.; 5 lbs. 50c.; 10 lbs. 75c.; 25 lbs. \$1.25; 50 lbs. \$2.25; 100 lbs. \$4.00.

Tobacco Stems. For making nests, etc. Lb. 15c.; 5 lbs. 50c.; 10 lbs. 75c.; 25 lbs. \$1.50; large bales of about 250 lbs. at 4c. per lb.; ½ton, \$30.00; ton \$50.00.

Farm Brood Coop

A big, roomy Coop, not painted. It is 21 inches wide, 22 inches from front to back, 22 inches high in front, 14 inches high in back. Then there is a wire run 38 x 21 x 16 inches. Price, complete, \$9.00.

Salt Bricks

For dairy cows, horses, and other animals. Brick, 25c.; doz. \$2.75.

Salt Brick Holders. Each 65c.

End o Weed

Apply at any time of day during periods when weeds are growing actively and temperature outdoors is at least 60°. Mix End o Weed with water according to directions on the package. Now spray entire lawn, applying one quart of mixture per 50 sq. ft. of lawn area.

In three or four days you'll see the weeds start to curl. In just a week or so all signs of the weeds will be gone. Kills dandelions, chickweed, plantain and over 50 other weeds. Pkt. 25c.; ½pt. \$1.00; qt. \$2.75; gal. \$8.50.

Michell's Weed Killer

Positively destroys every kind of weed and vegetation wherever applied. One application is usually required yearly; add 40 gallons of water to one gallon of Weed Killer, then sprinkle the solution upon the vegetation you wish destroyed.

Just the thing for driveways, clay tennis courts, baseball diamonds, drives and walks.

Weed Killer cannot be used in the garden, flower-beds or on the lawn where you want to grow plants and grass.

One gallon will cover 150 sq. yds.; can be applied any time.

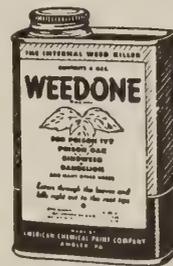
Qt. 70c.; gal. \$1.50; 5 gals. \$6.50; 30 gals. \$32.00; 55 gals. \$50.00. \$4.00 Returnable Drum charge.

DuPont Ammate Weed Killer

Ammate is not considered poisonous and may be used safely on weed-infested areas without danger to livestock and humans. It is entirely free from fire or explosion hazards and actually has inherent fire-retardant properties.

Ammate usually exerts only temporary soil-sterilizing effects, varying with the soil.

2-lb. size 85c.; 6-lb. size \$2.25



WEEDONE is recommended for killing weeds, poison ivy, poison oak, bindweed or wild morning-glory, Japanese honeysuckle, sassafras, black locust, and wild or choke cherry. It will also kill many other weeds under favorable conditions. 6-oz. bottle 75c.; 1-qt. bottle \$2.50; 1-gal. bottle \$6.50; 5 gals. \$21.25.

Tat C-Lect

Kills crabgrass in all stages—seeds, seedlings, mature plants. Perfectly safe to use on lawns, for it does not burn the grass. 8-oz. bottle 85c.; 16-oz. bottle \$1.50; gal. \$9.75.

Tat Weed C-Lect

Combination package of 1 pint Tat C-Lect and ½ pt. Weed C-Lect. Kills weeds and crabgrass at same time without injury to grass. Price, \$2.25.

Alfco Crabgrass Killer

Kills crabgrass and weeds in the lawn **without** destroying permanent lawn grasses. Sprayed on infested areas Alfco will destroy both the plant and the seeds, checking reinfestation next year. One pound will treat 2000 to 4000 square feet. 8 ozs. \$1.00; lb. \$1.50; 2 lbs. \$2.50; 10 lbs. \$8.00.

ALL PRICES SUBJECT TO MARKET CHANGES

MICHELL'S INSECTICIDES

ZOTOX, Crabgrass Killer

Zotox introduces a new and revolutionary method of eradicating crabgrass in lawns. By selective action it destroys crabgrass without permanent injury to the turf. Lawn grasses are temporarily discolored by Zotox, but regain their natural color and vigor in a short time.

Zotox is easily applied with a compressed air sprayer or sprinkling can. A 16-oz. bottle (\$1.50 size) mixed with 10 gallons of water will treat a lawn of 2,000 sq. ft. (40 x 50). For "spot" treatment of small patches it goes much farther. 8 ozs. \$1.00; 16 ozs. \$1.50; 32 ozs. \$2.50; 5 lbs. \$4.50.

Solvay (Calcium Chloride)

For Preventing Dust on Driveways, etc.

An ideal dust-layer and binder for all gravel and dirt surfaces. The clean, white, odorless flakes are easy to use. Solvay kills weeds and prevents their regrowth.

Use about 2 pounds per square yard, broadcast over the surface. 100 lbs. \$4.50.

Insect Destroyers

Ant Traps, Thalate (Tat). Each 25c.

Magikil Jelly. New and very effective ant-control; also used to eliminate roaches, rats, and mice. 1-oz. tube 40c.; 7½-oz. tube \$1.95.

Aphine. A contact insecticide, nicotine base, for destroying aphids, green and white fly, thrip, etc. Dilution 1 to 30. Qt. \$1.25; gal. \$3.75.

Arasan. A disinfectant used in treating seeds before planting. It checks seed-decay, certain seed-borne diseases, reduces damping-off on seedlings of certain vegetables—corn and peanuts. ¼-oz. pkg. 25c.; 8 ozs. 80c.; 4 lbs. \$5.16; 25 lbs. \$30.00; 100 lbs. \$115.00.

Arsenate of Lead, Powder. Affords complete protection against the ravages of any chewing insect on foliage, flower, or fruit, without injury to the most delicate plant-life. Lb. 60c.; 4 lbs. \$2.25; 96 lbs. \$43.20.

Arsenate of Calcium. Effective as a dust or spray in control of chewing insects on most vegetable crops, beans excepted. Lb. 30c.; 4 lbs. 75c.; 24 lbs. \$4.00.

Astogen. A safe, effective remedy for root aphids, cutworms, and other soil insects affecting asters and similar plants. 2 lbs. 75c.; 5 lbs. \$1.50.

Black-Leaf 40. A solution of nicotine sulphate. An excellent spray for destroying sucking insects on vegetables, flowers and plants. Effective in delousing livestock. Dilution 1 to 800. Oz. 36c.; 5 ozs. \$1.05; lb. \$2.42; 2 lbs. \$4.15; 5 lbs. \$7.90; 10 lbs. \$13.75; 50-lbs. \$58.50.

Bordeaux Mixture 12¾% Copper (Powder.) A copper sulphate and lime mixture for the control of fungous diseases (blight, rust, wilt, and mildew) on vegetables, flowers, fruit and shade trees. Lb. 40c.; 4 lbs. \$1.00; 24 lbs. \$5.00; 48 lbs. \$9.50.

Carbolineum. A germicide and disinfectant for purifying poultry-houses, stables, etc. Gal. \$2.25; 5 gals. \$8.75.

Cattle Fly Spray. Kills flies by contact. Will not stain or mat hair. Gal. \$2.00; 5 gals. \$9.00.

Ceresan. 2 per cent. A dust disinfectant for cotton, flax, millet, peas, and narcissus. 1½-lb. can \$1.25; 25 lbs. \$16.09; 100 lbs. \$57.75.

Ceresan, New Improved. A dust disinfectant for wheat, oats, and barley. 4-oz. can 35c.; lb. 90c.; 4 lbs. \$3.00; 40 lbs. \$26.40; 100 lbs. \$61.05.

Antrol

Kills Ants in Their Nests

Antrol is easy to use, economical, safe around children and pets. Consists of small glass containers from which worker ants carry special Antrol Syrup to their nests for food. The whole ant family is quickly killed at the source—the only way to get permanent relief. Controls both sweet- and grease-eating ants.

Ready Filled Sets containing four filled feeders, 40c.

Antrol Extra Containers, 10c.

Antrol Syrup. 4-oz. bottle, 20c.; pt. 50c.; qt. 90c.; gal. \$2.75.

Antrol Ant Traps. Kills both grease- and sweet-eating ants. Easy and safe to use. Each 15c.

Chaperone

Protect your garden from damage by dogs. Not dissolved by rain. One application usually lasts from two to three weeks. 4 ozs. 60c.; 12 ozs. \$1.25.

Cuprinol. Clear. Cuprinol-treated wood may be painted, varnished, waxed, or finished in any other way, although it protects equally well whether painted or left unpainted. Excellent for treating wood in greenhouses, forcing frames, plant boxes, posts, etc. Qt. \$1.50; gal. \$4.00; 5 gals. \$19.25.

Copper Solution. An excellent fungicide for the control of mildew, black-spot, leaf-blight, rust, and other fungous diseases attacking fruit and flowers. Dilution 1 to 80. Pt. 85c.; qt. \$1.50; gal. \$5.00; 5 gals. \$22.50.

Corn Fume. Utilizes ingredients which have given excellent results in corn earworm control. Especially designed pump used for Corn Fume gives exact quantity needed for the proper application. Non-poisonous to humans and animals when used for corn earworm control. ½pt. 60c.; pt. \$1.10; Pump and ½-pt. combination \$1.50.

Cyanogas (Calcium Cyanide). G. Fumigant. The gas is exceedingly penetrating and easily kills breathing insects in any space where the gas can be confined. Destroys aphids, white fly, soft scale, thrips, etc. 5 lbs. \$3.75; 25 lbs. \$12.50; 100 lbs. \$30.00. Descriptive circular free.

Cyanogas (Calcium Cyanide). A-Dust. For killing rats, moles, woodchucks, and other rodents. Lb. 98c.; 5 lbs. \$3.75; 25 lbs. \$12.50; 100 lbs. \$30.00.

Cyanogas Ant-Killer

Ants are killed instantly in their nests. Don't use Cyanogas Ant-Killer indoors. 4-oz. can 39c.

Deenate 25W (du Pont). Wettable powder containing 25% D.D.T. For agricultural crops, farm animals and farm buildings. 4-lb. bag \$1.25; 100-lb. drum \$25.00.

Deenate 50W is used for the same purposes but it is cheaper and more economical than Deenate 25%. It leaves far less residue than the 25% solution. 4 lbs. \$2.25; 50 lbs. \$25.00; 100 lbs. \$45.00.

Dogzoff. If you are bothered with dogs, cats, or rabbits, Dogzoff is the spray you need. 4-oz. bottle 60c.; pt. \$2.50; qt. \$4.00.



Use as a bellows by sliding bottom backward and forward while holding top of package firmly in your other hand, directing it to area to be dusted.

Buy refill cartridges when you buy your original dust gun package. 10-oz. Applicator Gun (complete with cartridge) 79c.; 10-oz. Refill Cartridge 59c.; 2-lb. Pouring Spout Pkg. \$1.50; 4-oz. Sifter Top Pkg. 25c.

Fermate. Effective for diseases on apples, pears, sweet cherries, celery, tomato. Also for black-spot on roses, septonia leaf spot on chrysanthemums, and snapdragon rust. 3 lbs. \$2.75; 25 lb. drum \$19.25.

Fruitone. Stops harvest drop of apples, pears and other fruits when applied one or two weeks before picking time. ¾oz. pkt. 25c.; 2-oz. pkg. \$1.00; 12-oz. can \$5.00.

Fish-Oil Soap (Good's)

Number One. A semi-solid Soda Fish-Oil Soap, very effective against scale and soft-bodied sucking insects. Lb. 35c.; 5 lbs. \$1.35; 10 lbs. \$2.50; 25 lbs. \$4.50; 50 lbs. \$7.00; 100 lbs. \$12.00.

Number Three. A soft Potash Fish-Oil Soap, excellent as an emulsifier in the preparation of oil sprays, and as a spreader and liberator with Nicotine or Arsenate of Lead. Lb. 35c.; 5 lbs. \$1.35; 10 lbs. \$2.50; 25 lbs. \$4.50; 50 lbs. \$7.00; 100 lbs. \$12.00.

Number Nine (Rosin). A spreader and sticker in combination with chemical sprays on vegetable, fruit, and berry crops. Especially recommended for the destruction of boxwood maggot. Dilution, 1 pound to 50 gallons. 5 lbs. \$1.50; 10 lbs. \$3.00; 25 lbs. \$5.25; 50 lbs. \$9.00; 100 lbs. \$15.00.

Formacide. A stabilized formaldehyde dust, triple strength, seed- and soil-disinfectant used as a control of damping-off. ½lb. 50c.; lb. 85c.; 5 lbs. \$2.50; 25 lbs. \$10.00; 50 lbs. \$17.50; 100 lbs. \$30.00.

Fume Tox. Recommended for the protection of vegetables, also plants, from destruction by rabbits and other animals of similar habits. 10 ozs. 65c.; 20 ozs. \$1.10.

Fungtrogen. Fungicide fertilizer. Invisible on foliage and blooms, it is an effective preventive and remedy for mildew, black-spot and other fungous diseases of roses, hollyhocks, snapdragons, phlox, sweet peas, carnations, etc. ½pt. 75c.; pt. \$1.25; qt. \$2.00; ½gal. \$3.50; gal. \$6.00.

Garden Dust. (du Pont.) Contains 5% D.D.T. and 75% Rotenone for insects. A single dust or spray that is an effective insecticide and fungicide. Highly effective against both chewing and sucking insects. 8-oz. can 80c.; 1-lb. sifter top can \$1.15; 4-lb. pkg. \$3.50.

Grape and Rose Dust. A fungicidal dust, safe to use on any vegetable or flowering plants, against mildew, black-spot, and other fungous diseases. 5 lbs. \$1.50; 25 lbs. \$6.25; 100 lbs. \$22.00.

ALL PRICES SUBJECT TO MARKET CHANGES

MICHELL'S INSECTICIDES

Hydroxide. (Bordeaux arsenical.) Potato spray. Controls leaf-eating insects and blight on potatoes, tomatoes, vegetables, and small fruits. Lb. 50c.; 4 lbs. \$1.00.

Kerosene Emulsion (Liquid Miscible Oil). Diluted in water this makes an excellent spray for all mild forms of scale. Dilutes 1 part to 10 parts of water. Qt. 75c.; gal. \$1.75; 5 gals. \$6.00.

Kryocide. Insures protection for vegetables and fruit trees. Simply apply as a dust or spray. Lb. 35c.; 4 lbs. 85c.

Lemon Oil. A standard insecticide recommended for destroying thrip, aphid, mealy bug, etc. ½ pt. 35c.; pt. 60c.; qt. \$1.00; ½ gal. \$1.75; gal. \$3.00; 5-gal. keg \$12.00.

Lime-Sulphur. Dry. For effective control of San Jose scale, apple and pear scab, peach-leaf curl, and cherry leaf-spot. Lb. 45c.; 5 lbs. \$2.00; 25 lbs. \$4.75; 100 lbs. \$16.00.

Lime-Sulphur Solution. A concentrated liquid form of this widely used insecticide and fungicide for spraying fruit trees. Qt. 50c.; gal. \$1.25; 5 gals. \$4.50; 30-gal. bbl. \$10.50; 50-gal. bbl. \$14.00.

Marlate 50. Aids in the control of many insects. Because of its low toxicity to warm-blooded animals and its safety on plants, Marlate 50 can be used successfully for the control of most insects attacking such vegetable crops as snap and lima beans, cucurbits and peas. May also be used to help protect peaches, early apples and grapes from Japanese beetles and rose chafer. Lb. \$1.25; 100 lbs. \$115.00.

Molasses, Black. A crude grade of molasses, highly favored as a sticker. 5 gals. \$5.00.

Molgen. An odorless powder that eliminates moles from lawn in two or three days. Safe to use where pets are kept. ½-lb. can 50c.; 1½-lb. can \$1.25; 5-lb. can \$4.00.

Mosquito-Fumer. The Mosquito Killer. As easy as pointing a hose. Puts mosquito-destroying fumes right where pesky mosquitoes lurk; kills adults and larvae. Full directions on each package. 6-oz. can 45c.

Naphtha Flakes. Will control thrips, sowbugs, and other earth vermin. Lb. 30c.; 10 lbs. \$2.30; 25 lbs. \$5.50; 50 lbs. \$10.50.

Nico-Fume Liquid

A powerful and highly refined nicotine solution that has the twofold advantage of being adaptable for spraying or for fumigating. Lb. \$2.75; 2 lbs. \$3.75; 8 lbs. \$13.00; 40-lb. drum \$56.50.

Nico-Fume Pressure Fumigator

Advantageous to greenhouse owners because fumigation reaches every leaf and bud; requires less time and labor than spraying. ½-lb. size 55c.; case lots of 1 doz. \$4.95. 1-lb. size, 85c.; case lots of 1 doz. \$8.65.

Nico-Fume Pressure Fumigator Holders for hand-directed fumigation with the Pressure Fumigator. Each \$1.75.

Nicotine Pyrox. It kills both chewing and sucking insects, prevents blight and fungous diseases. 20 ozs. 60c.; 5 lbs. \$2.50.

No Pest, fortified with D.D.T. Effective in its control of weevils, slugs, snails, and other leaf-eating insects. Garden size 30c.; ½-acre size \$15.00.

No-Py-Ro. A more effective control of red spiders, aphids, thrips and mealy bugs. No-Py-Ro contains sufficient wetting agents to give excellent coverage of insects and plants and will mix readily with hard or soft water. Qt. \$3.75; gal. \$12.00.

Para-Dichlorobenzene (PTB). The most effective remedy for the peach tree borer. 1 ounce per tree. 1-lb. can 60c.; 5-lb. can \$2.25.

Paris Green. A poisonous powder for potato bugs, worms, caterpillars, slugs, etc. ¼ lb. 25c.; lb. 70c.; 5 lbs. \$3.00; 14 lbs. \$6.75.

Parzate. A new du Pont fungicide that may be used as a spray or dust for the control of many important plant diseases. Descriptive circular on request. Lb. \$1.50; 25 lbs. \$35.00.

Pomo-Green with Nicotine. A leaf-green material which can be used as a spray or dust, and which affords complete protection against black-spot, mildew, leaf-eating insects and aphids. 1 pound makes 4 gallons of spray. Lb. \$1.05; 5 lbs. \$3.85.

Pomo-Green without Nicotine. Used as a dust only to control plant diseases and leaf-eating insects. 1-lb. can 55c.; 5-lb. carton, \$1.85.

Pyrox (Bowker's). A combined insecticide and fungicide for all leaf-eating insects, blights, and fungous troubles. Especially recommended for potatoes. Mix Pyrox with water and spray. The material sticks to the leaves even through the hardest rains. 25 lbs. \$6.00; 50 lbs. \$9.00; 300 lbs. \$40.00.

Rabbit Chaser, Lag's. Spray on plants and vegetables to repel rabbits. Will not burn or harm plants or rabbits. 4-oz. bottle, with directions, 50c.

Rat Paste (Zelio). The most efficient poison for destroying rats, mice, and other rodents. 2-oz. tube 65c.

Red Arrow Garden Spray (Pyrethrum Soap). A safe, efficient insecticide for use against sucking and chewing insects. 1-oz. bottle 35c.; ¼ pt. \$1.00; pt. \$2.85; qt. \$5.50; gal. \$19.00; 5-gal. can \$85.00.

Red Arrow Garden Dust. ¾% Rotenone. For the safe control of Mexican bean beetles and other insect destroyers of garden crops. Apply the dust as the insect first appears and continue at two-week intervals. 2 lbs. 80c.; 5 lbs. \$1.70.

Rotenone Dust (75%). An economical dust containing 75/100 per cent of Rotenone, one of the most effective contact insecticides. Controls many types of beetles and worms attacking vegetable crops. Lb. 50c.; 5 lbs. \$1.35; 50 lbs. \$10.00.

Scalecide, diluted 1 gallon to 15 gallons of water, may be used on any kind of fruit or shade tree that drops its foliage in winter. Qt. \$1.00; gal. \$2.40; 5 gals. \$8.10; 30 gals. \$30.50; 55 gals. \$45.00.

Scale Oil. For dormant spraying of fruit trees and ornamentals. Dilution: 1 to 15. Qt. 75c.; gal. \$1.75; 5 gals. \$6.00; 30 gals. \$23.50; 50 gals. \$32.50.

Selocide. A powerful contact killing agent which will kill from 90 to 100 per cent of red spiders in one application. Dilution: 1 to 200. Gal. \$3.50; 5 gals. \$16.75.

Semesan Bel. For treating seed potatoes before planting. One pound treats 60 to 80 bushels of seed. 2 ozs. 35c.; lb. \$1.83; 4 lbs. \$6.33; 40-lb. pail \$59.00; 100 lbs. \$138.75.

Semesan Jr. For controlling seed-borne diseases of seed, field and sweet corn. 1½-oz. pkg. 17c.; 12-oz. can 62c.; 25 lbs. \$13.85; 100 lbs. \$49.95.

Semesan Special. For the prevention and control of brown patch and other fungous growths on fine turf and golf greens. Lb. \$2.00; 4 lbs. \$6.92; 25 lbs. \$39.96; 100-lb. drum \$149.85.

Soap, C. P. O. A liquid soap-spreader with a distinct insecticidal value of its own. Dilution: 1 to 50. Pt. 95c.; qt. \$1.65; gal. \$4.00; 5 gals. \$15.00.

Slug Shot. A standard and safe dust which kills beetles, weevils, worms, and leaf-eating insects on vegetable and flowering plants. 1-lb. carton 40c.; 5 lbs. \$1.70; 25 lbs. \$5.50; 125-lb. keg, with a duster \$20.00.

Grasselli Spreader

This is a combined spreading, sticking, and wetting agent, designed especially for use with agricultural sprays. Pt. \$1.00; gal. \$6.85; 5 gals. \$30.00.

Semesan

For Flower and Vegetable Seeds, also for Lawns

Semesan may be applied in dust or liquid form to the seed before planting. One ounce treats 15 pounds of seed. Effective in controlling damping-off and such devastating gladiolus diseases as hard rot and scab. Also the most effective means of controlling brown patch which attacks the turf of golf-courses, tennis courts and lawns. ½ oz. 20c.; 2 ozs. 45c.; 12 ozs. \$2.10; 4 lbs. \$10.10; 25 lbs. \$58.28; 100 lbs. \$219.80.

Spor-Go is a copper mildew spray powder which contains twice as much copper as commercial Bordeaux Mixture. It controls blight and leaf-spot on potatoes, tomatoes, beans, cucumbers, and grapes and many other plants. One ounce makes 2½ gallons of finish spray. 1-lb. canister 79c.; 4 lbs. \$1.45.

Sulphate of Aluminum. Used in conjunction with Hydrated Lime, this material makes a safe and excellent repellent for Japanese and Asiatic beetles. 5 lbs. 55c.; 10 lbs. 90c.; 25 lbs. \$1.60; 100 lbs. \$4.50.

Sulphate of Copper. A basic fungicide used in making Bordeaux Mixture, or alone to control various fungous diseases. Lb. 30c.; 5 lbs. \$1.15; 10 lbs. \$2.10; 25 lbs. \$5.00; 100 lbs. \$17.00.

Sulphur, Flowers of. A high-grade form of this standard fungicide and fumigant, adapted for either dusting or burning. Lb. 25c.; 5 lbs. 90c.; 10 lbs. \$1.75; 25 lbs. \$3.00; 100 lbs. \$10.00.

Sulphur, Wettable (Dritomic). It wets immediately upon being placed in water and will stay in suspension indefinitely. Ideal for wet spraying of fruit and ornamental trees to control scab-rot, leaf-spot, mildew, rust, etc. 2 lbs. 30c.; 5 lbs. 65c.; 50 lbs. \$6.00.

Snarol

Metaldehyde-Arsenical Bait

Kills cutworms, sowbugs, snails, slugs, earwigs. A ready-prepared bait meal. Is not injurious to vegetation. Will not deteriorate from rain or sprinkling. 1-lb. pkg. 35c.; 2½-lb. pkg. 75c.; 6-lb. pkg. \$1.50.

Sunoco Spray Oil. A safe, inexpensive, efficient spray for the control of scale insects, red spider, and lace-wing bugs. Dilution: 1 to 25. Gal. \$1.50; 5 gals. \$5.75; 55 gals. \$26.00.

Tartar Emetic. To control gladiolus thrip, use 4 lbs. Tartar Emetic with 16 lbs. brown sugar to 100 gals. of water. Lb. \$1.25; 5 lbs. \$5.50; 25 lbs. \$25.00.

Terogen. A new autumn and winter ground-dressing acting both as a fertilizer and as an insecticide. 1-lb. tin 75c.; 2-lb. tin, \$1.25; 5-lb. tin \$2.75; 10-lb. tin \$4.75; 25-lb. tin \$11.00; 100 lbs. \$40.00.

ALL PRICES SUBJECT TO MARKET CHANGES

INSECTICIDES

Tobacco Dust. For dusting. 5 lbs. 50c.; 10 lbs. 75c.; 25 lbs. \$1.25; 50 lbs. \$2.25; 100 lbs. \$4.00.

Tobacco Dust. For fumigating. Specially treated to induce easy burning. Lb. 15c.; 5 lbs. 50c.; 10 lbs. 75c.; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50.

Tri-Ogen. The all-purpose spray. Complete protection against plant insects and diseases. Mildew and black-spot easily controlled with this spray treatment. E Kit \$1.35; A Kit (makes 16 qts.), \$2.25; B Kit (makes 64 qts.), \$6.00; C Kit (makes 32 gals.), \$9.00; D Kit (makes 128 gals.), \$30.00.

Thrip Juice, Hammond's No. 2. This preparation is very effective against aphids, red spider, mealy bugs, and sucking insects generally. Pt. 90c.; qt. \$1.50; gal. \$5.50; 5 gals. \$25.00.

Tobacco Stems (Fresh). For fumigating and for mulching to destroy insect life in the soil. Lb. 15c.; 5 lbs. 50c.; 10 lbs. 75c.; 25 lbs. \$1.50; large bales at 4c. per lb.; ½ ton \$30.00; ton \$50.00.

Volck Oil Spray. Can be used on growing plants in the nursery, greenhouse and garden and is used to control thrip, aphid, scale, mealy bug, red spider, leaf hopper, small caterpillar and leaf-spot. 4 ozs. 35c.; 16 ozs. 70c.; gal. \$2.85; 5 gals. \$8.50; 54 gals. \$48.50.

Wilson's O. K. Plant Spray. This spray offers a sure and safe method of control for boxmite, thrip, leaf-hopper, psylla, green, black, and woolly aphid, midge, currant worms, spruce gall, lace-wing fly on rhododendrons, crawling young scale. Dilution: 1 to 15. Qt. \$1.15; gal. \$3.50; 5 gals. \$13.50; 10 gals. \$25.00; ½ bbl. (30 gals.) \$63.00; bbl. (50 gals.) \$97.50.

Worm Destroyer. For earthworms. A safe, dry powder which will effectively and promptly bring earthworms to the surface and kill them. Apply at the rate of a half pound per square yard, then saturate the ground with water. Price on application.

Zerlate. Use as spray or dust to control early potato blight, celery blight, anthracnose and leaf-spot on tomatoes, leaf and wilt diseases on cucurbits, brown rot on peaches. Descriptive circular on request. 3 lbs. \$2.75; 25 lbs. \$19.25.

MICHELL'S FERTILIZERS

Agrico

Each kind of plant has its own plant-food needs. That's why there's an Agrico for each different plant-feeding job. One for lawns, trees, and shrubs—another for flowers and vegetables—another for broadleaf evergreens. Special-purpose Agrico fertilizers go farther, do a better job, give you more value per pound and per dollar. In all convenient sizes, complete directions on every bag.

Agrico for Lawns, Trees and Shrubs. 5 lbs. 45c.; 10 lbs. 80c.; 25 lbs. \$1.60; 50 lbs. \$2.65; 100 lbs. \$4.75.

Agrico for Gardens, Flowers and Vegetables. 5 lbs. 45c.; 10 lbs. 80c.; 25 lbs. \$1.60; 50 lbs. \$2.40; 100 lbs. \$4.25.

Agrico for Broadleaf Evergreens. 10 lbs. \$1.10; 25 lbs. \$2.10; 50 lbs. \$3.40; 100 lbs. \$5.50.

PLEASE NOTE: No smaller quantity of Fertilizer than offered can be supplied

ALL PRICES SUBJECT TO MARKET CHANGES

MICHELL'S FERTILIZERS, continued

Adco is a powder which, when mixed with almost any non-woody vegetable waste and kept moist, gradually converts the mass into real manure fully equal to the farm-yard product in fertilizing power, but free from foul odor, flies, weed-seeds, etc. Farmers, by utilizing straw, cornstalks, etc., can secure their manure without the expense and labor of maintaining livestock. 25 lbs. is sufficient to make ½ ton of manure; 150 lbs. is sufficient to make 3 tons of manure. 7½ lbs. \$1.25; 25 lbs. \$2.50; 100 lbs. \$9.50; 150-lb. bag \$12.00.

All Crop Fertilizer. A high-grade, properly balanced fertilizer for general use on all farm and garden crops. 5 lbs. 50c.; 10 lbs. 90c.; 25 lbs. \$1.50; 50 lbs. \$2.75; 100 lbs. \$4.50.

Ashes, Canada Hardwood. Apply 1000 pounds per acre. Indispensable for all crops requiring potash. Excellent for mixing with potting soil. For top-dressing lawns and grass-fields it is applied to best advantage either in very early spring or late fall. 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50; 200-lb. bbl. \$5.50.

Asparagus Fertilizer. A mixture that promotes root and top growth. Apply 800 pounds per acre. 25 lbs. \$1.50; 50 lbs. \$2.75; 100 lbs. \$4.50.

Bacteria for Leguminous Crops. See Legume-Aid.

Blood (Dried). For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. One of the quickest acting fertilizers. 5 lbs. \$1.75; 10 lbs. \$3.00; 25 lbs. \$5.50; 50 lbs. \$9.50; 100 lbs. \$17.00.

Blood, Bone and Potash. A very high-grade fertilizer for all vegetable and farm crops. 100 lbs. \$5.50.

Bone, Coarse Ground. Apply 800 to 1000 pounds per acre. Prepared from raw bone, exactly like bonemeal, except that it is not so fine or quick in action. It is used for the same purpose. 100 lbs. \$8.00.

Bone Flour. Finely pulverized and bolted. Effective immediately. For rose-growing this cannot be excelled. Rich in phosphoric acid and ammonia. Apply 600 pounds per acre. 5 lbs. 75c.; 10 lbs. \$1.40; 25 lbs. \$2.50; 50 lbs. \$4.00; 100 lbs. \$7.75.

Bonemeal

Michell's Special Grade. Unusually rich in nitrogen and phosphoric acid, the two principal plant-foods. We recommend this especially for lawns, gardens, and greenhouse, or any purpose where a high class fertilizer counts. Apply 800 to 1000 pounds per acre. 5 lbs. 55c.; 10 lbs. 90c.; 25 lbs. \$1.80; 50 lbs. \$3.50; 100 lbs. \$6.00; ½ ton \$55.00; ton \$100.00.

Bonemeal, Raw. Prepared from unsteamed bone, this fertilizer is higher in nitrogen than regular bonemeal, but slower in action. 100 lbs. \$8.50; ½ ton \$80.00; ton \$155.00.

Bovung. A natural cow manure. Free from live weed seeds; ideal for use on the lawn and also excellent for flowering plants. 25 lbs. \$1.25; 50 lbs. \$2.25; 500 lbs. \$21.25.

Cow or Cattle Manure (Shredded). Convenient to handle, making it possible for everyone to get this usually scarce article at all times. Especially suited for soil-mixing, mulching and liquid manuring. Apply 1000 pounds per acre. 5 lbs. 50c.; 10 lbs. 80c.; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50; ½ ton \$37.50; ton \$72.50.

Drums Returnable for Credit when Charged

Cow or Cattle Manure (Pulverized). Thoroughly sterilized and weedless. Quick in action and especially desirable for pot-plants, etc. 100 lbs. \$4.50; ½ ton \$37.50; ton \$72.50.

Driconure Improved. A mixture of cow manure, poultry manure, and peat moss used for top-dressing and as a soil-improver. 7½ lbs. 75c.; 50 lbs. \$2.00.

Electra. A perfectly balanced fertilizer which is more than 80 per cent organic. It is becoming more popular with the growers because it can be used for almost any purpose. Lb. 35c.; 5 lbs. \$1.00; 25 lbs. \$4.00; 50 lbs. \$6.00; 100 lbs. \$10.50.

Ferogen. A remarkable plant-food, soil stabilizer and ground dressing for your roses. Ferogen should be cultivated into your rose beds in the early spring and summer. Ferogen reinforces stable manure. Lb. 75c.; 2 lbs. \$1.25; 5 lbs. \$2.75; 10 lbs. \$4.75; 25 lbs. \$11.00; 100 lbs. \$40.00.

Hortobacco (Michell's). A fertilizer manufactured from a tobacco base. For lawns, putting-greens, flower and vegetable gardens, etc. Also acts as an efficient insecticide. 5 lbs. 40c.; 10 lbs. 65c.; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50.

Hyper-Humus Nature's Soil-Builder

Hyper-Humus makes an ideal top-dressing for the lawn, garden, and shrubbery, and is unexcelled for lightening heavy soils, or binding soils which are too light. Use at the rate of 1 to 4 pounds per square foot, depending on the condition of the soil.

Prices for bagged material: 5 lbs. 30c.; 10 lbs. 50c.; 25 lbs. \$1.00; 50 lbs. \$1.50; 100 lbs. \$2.50; 500 lbs. \$11.25; ½ ton \$22.00; ton \$40.00; in loose bulk, truckload (minimum 10 tons), \$11.00 per ton f.o.b. plant; carload (minimum 25 tons), \$10.00 per ton, f.o.b. plant, Newton, N. J.

Hyponex Plant-Food. A medicine for plant life. Plants grow luxuriantly, flower abundantly and develop sturdy growth regardless of poorness of soil. A teaspoonful makes a gallon of liquid plant-food. 3-oz. can 25c.; 1-lb. can \$1.00; 10 lbs. \$8.00; 25 lbs. \$15.00; 100 lbs. \$40.00.

Hygro Soluble Plant-Food. Dissolved in water and poured on plants, HY-GRO produces amazing results. Keeps plants healthy and productive as an all-season fertilizer. 3 ozs. 25c.; 20 ozs. \$1.00; 10 lbs. \$4.00; 2-lb. jar with applicator \$2.50.

Land Plaster (Gypsum). A form of lime which may safely be applied with manure, since other types react unfavorably on manure. When applied to land, it furnishes lime without increasing the alkalinity of the soil. Apply 1500 to 2000 pounds per acre. 10 lbs. 60c.; 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.25.

Lawn Dressing (Michell's)

A complete organic fertilizer made up expressly for use on lawns and putting-greens. It affords a well-balanced, steady diet for established lawns and encourages quick, vigorous growth on new lawns.

When building a lawn, use 50 pounds per 1000 square feet, raked into the upper surface of the soil. Established lawns should receive spring and fall applications of 25 pounds per 1000 square feet, preferably mixed with top dressing, or watered immediately after applying. 5 lbs. 60c.; 10 lbs. \$1.00; 25 lbs. \$2.00; 50 lbs. \$3.50; 100 lbs. \$5.50; ½ ton \$45.00; ton \$85.00.

MICHELL'S FERTILIZERS

Legume-Aid. For alfalfa and all clovers: 1-bus. size 50c.; 2½-bus. size, \$1.00. For soy beans, peas, vetch and beans: up to 2-bus. size 30c.; 5-bus. size 55c. Garden size for garden peas, beans, and sweet peas, 10c. Always state what kind of seed you wish to inoculate when ordering.

Liqua-Vita. A liquid plant-food containing three major plant-foods, plus Vitamin B₁, Plant Hormones, and nine secondary plant-foods. It is as safe on small seedlings as on large plants. One-half ounce to one gallon is the maximum concentration. 8 ozs. 45c.; qt. \$1.25; gal. \$4.00.

Lime (Hydrated or Powdered). For correcting acidity in the soil. Apply at the rate of 1 ton per acre. 10-lb. box 35c.; 50 lbs. \$1.00; 100 lbs. \$1.75; 500 lbs. \$8.00; ½ton \$13.50; ton \$25.00.

Limestone (Pulverized). The raw form of lime, useful where a coarse material is required on worn-out acid soils. Apply 1½ tons per acre. 80-lb. bag \$1.10; 5 bags \$5.00; 10 bags \$9.00.

Michigan Peat. Should be incorporated into the soil when possible. Since Michigan Peat is in itself the ideal medium for plant growth, you can not use too much. Will not burn. Michigan Peat is scientifically prepared, weed free, screened, odorless and ready for use. \$3.50 per 100 lbs.

Milorganite. A specially prepared, activated sewage sludge, entirely organic and absolutely safe to apply on lawns, flowerbeds, trees, etc. 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.00.

Mum Manure (Smith's). Give your plants a quick start by using this manure. A perfect food for Mums and other flowers, either under glass or in the garden. 50 lbs. \$4.00; 100 lbs. \$7.50.

Muriate of Potash. Usually used with other fertilizers deficient in potash. Excellent for potatoes, corn and other grains. 5 lbs. 60c.; 10 lbs. \$1.00; 25 lbs. \$1.75; 50 lbs. \$2.75; 100 lbs. \$5.00.

Nitrate of Soda. (16 per cent.) A source of nitrogen in a form immediately available, which stimulates leaf- and top-growth of plants, of vegetables and fruit, and should therefore be used only after plants are above the ground. Lb. 25c.; 5 lbs. 85c.; 10 lbs. \$1.50; 25 lbs. \$2.50; 50 lbs. \$4.50; 100 lbs. \$8.00.

Phosphate, Ammoniated. A complete, balanced fertilizer for all vegetable crops and particularly suited for grain and cereal crops. 5 lbs. 50c.; 10 lbs. 90c.; 25 lbs. \$1.50; 50 lbs. \$2.75; 100 lbs. \$4.50.

Phosphate, Super (20 per cent). 100 lbs. \$2.50.

Fulton's PlanTabbs are the finest of plant-foods, recommended particularly for potted plants as well as the flower and vegetable garden.

12 tablets 10c.; 36 tablets 25c.; 90 tablets 50c.; 240 tablets \$1.00; 2 lbs. \$2.75.

Potato Fertilizer (Michell's). Apply at the rate of from 800 to 1000 pounds per acre. 25 lbs. \$1.50; 50 lbs. \$2.75; 100 lbs. \$4.50; ½ton \$32.50.

Salt. For asparagus beds and putting on walks and roads to kill weeds. Apply 800 pounds per acre in early spring. 25 lbs. 85c.; 50 lbs. \$1.50; 100 lbs. \$2.75; 200 lbs. \$5.00.

Soil. For potting. Qt. 10c.; ½pk. 35c.; pk. 65c.; 100 lbs. \$2.50.

Soil. Plain top. 100 lbs. \$2.00; 500 lbs. \$9.50.

ALL PRICES SUBJECT TO MARKET CHANGES

Sheep Manure, Wizard Brand. Beautiful flowers and thick velvety green lawns are possible only on rich, physically perfect soils. Wizard Manures promote strong healthy growth by supplying an abundance of humus, vitamins and mineral foods needed by all soils. 5 lbs. 50c.; 10 lbs. 80c.; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50; ½ton \$37.50; ton \$72.50.

Soot (Imported Scotch). This is used principally for bringing a good healthy color into the foliage of chrysanthemums and other greenhouse plants. Destroys insects and grubs underneath surface. 5 lbs. 75c.; 10 lbs. \$1.40; 25 lbs. \$2.50; 100 lbs. \$8.00.

Stim-U-Plant. The original plant-food tablet. Makes plants grow faster and bloom better. Odorless, clean, and economical. 10 tablets 10c.; 30 tablets 25c.; 100 tablets 75c.; 500 tablets \$2.50; 1000 tablets \$3.50.

Sulphate of Aluminum. Especially adapted for rhododendrons and other plants requiring an acid soil. 5 lbs. 55c.; 10 lbs. 90c.; 25 lbs. \$1.60; 100 lbs. \$4.50.

Sulphate of Ammonia. Apply 75 to 100 pounds per acre only with other fertilizers. Analysis equal to 20 per cent ammonia. 5 lbs. 75c.; 10 lbs. \$1.25; 25 lbs. \$2.25; 50 lbs. \$4.00; 100 lbs. \$6.50.

Sulphate of Iron. 5 lbs. 75c.; 10 lbs. \$1.40; 25 lbs. \$2.75; 50 lbs. \$4.50; 100 lbs. \$8.00.

Sulphate of Potash. Apply 100 to 125 pounds per acre, usually with other fertilizers. Analysis equal to 50 per cent of actual potash. 5 lbs. \$1.25; 10 lbs. \$2.00; 25 lbs. \$3.50; 50 lbs. \$5.50; 100 lbs. \$9.00.

Superphosphate (20 per cent). A very high-grade phosphate. Apply 750 pounds per acre. 100 lbs. \$2.50; 200 lbs. \$4.50.

Tan Bark used for making paths in formal gardens. Can be supplied in 100-lb. bags only. 100 lbs. \$3.00; 1000 lbs. \$25.50; ton \$48.00.

Tankage. A blood-and-bone product yielding nitrogen, lime and phosphoric acid. 5 lbs. 60c.; 10 lbs. \$1.00; 25 lbs. \$1.75; 50 lbs. \$3.25; 100 lbs. \$6.00.

Terogen. A new autumn and winter ground dressing acting both as a fertilizer and as an insecticide. 1-lb. tin 75c.; 2-lb. tin \$1.25; 5-lb. tin \$2.75; 10-lb. tin \$4.75; 25-lb. tin \$11.00; 50 lbs. \$21.00; 100 lbs. \$40.

Terra-Lite (Vermiculite) Plant Aid

A growing medium for rooting cuttings, for plant propagating, seed germination, mulch, lightening heavy soil, storing bulbs. 2 bus. bag size (18 to 20 lbs.) \$2.50 per bag; 5 or more bags, \$2.25 each.

Michell's Tree and Shrub Food

For Fruit and Shade Trees, Evergreens, and Hedges. This food should be applied over the area covered by the overhang. Where the ground is covered with grass, holes may be made with a crowbar and filled with the food. When setting out young trees mix from 1 to 5 pounds to each tree.

From 1 to 2 pounds each will suffice for most shrubs and vines. Trees with a spread of about 10 feet require 5 pounds. 5 lbs. 60c.; 10 lbs. \$1.00; 25 lbs. \$2.00; 50 lbs. \$3.50; 100 lbs. \$5.50.

Soil Auger No. 2. Best method for applying to trees. \$3.50.

Tobacco Stems. For fumigating, mulching, and fertilizing, these are invaluable. Lb. 15c.; 5 lbs. 50c.; 10 lbs. 75c.; 25 lbs. \$1.50; large bales at 4c. per lb.; ½ton \$30.00; ton \$50.00.

Universal Acid Plant-Food. For gardenias, azaleas, and other acid-loving plants. 100 lbs. \$6.75.

Velvetgreen. A high quality, scientifically blended and balanced plant food, excellent for obtaining more prolific growth of lawns, flowers, shrubs, trees and garden vegetables. It is clean, odorless and easy to apply. Circular free on request. Lb. 15c.; 10 lbs. 90c.; 25 lbs. \$1.60; 100 lbs. \$4.25.

A PRODUCT OF SWIFT

VIGORO

COMPLETE PLANT FOOD

Vigoro. Complete plant-food. Safe, sanitary, odorless, and easy to apply. A single 100-lb. bag will feed 2500 sq. ft. Lb. 15c.; 5 lbs. 50c.; 10 lbs. 90c.; 25 lbs. \$1.60; 50 lbs. \$2.65; 100 lbs. \$4.25.

Vigoro Tablets. Pkg. 10c.

Wonder Worker Fertilizer. An extremely high-grade animal base fertilizer adapted for growing all vegetable crops. Will not burn. 100 lbs. \$5.50.

Wood Ashes. Apply 1000 pounds per acre. Indispensable for all crops requiring potash. Excellent for mixing with potting soil. For top-dressing lawns and grassfields it is applied either in early spring or late fall. 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50; 200-lb. bbl. \$5.50.

Floralife is a nourishing, sterilizing mixture which retards wilting. Supplies nourishment to blossoms; expands their size! Pkt. 10c.; 30-qt. size can (1.3 lbs. net) \$1.00; 100-qt. size can (4 lbs. net) \$3.00; 250-qt. size drum (10 lbs. net) \$5.00.

ROOT-FORMING CHEMICALS

HORMODIN, the root-forming chemical

A root-forming chemical for stimulating rapid root-growth on cuttings, simply by placing the basal ends in the solution before planting them. Cuttings so treated root quicker and have more growing roots per cutting. Each package contains a calibrated easy-to-use measure, complete directions, and a treatment chart.

Powder No. 1. A general-purpose powder especially good for carnations, roses, poinsettias, chrysanthemums, and similar types. 1¼-oz. pkg. 50c.; 1-lb. pkg. \$3.00.

Powder No. 2. Designed for many of the woody and semi-woody types. 1¼-oz. pkg. 75c.; 1-lb. pkg. \$4.50.

Powder No. 3. Designed for the more resistant species including many evergreens and dormant leafless cuttings. 1-oz. pkg. \$1.00; ½-lb. pkg. \$4.50.

ROOTONE. The plant hormone powder. Insures better flowers by providing better roots. Dust your seeds, bulbs, and cuttings before planting with Rootone. Write for booklet. ¼oz. 25c.; 2-oz. jar \$1.00; 1-lb. can \$5.00.

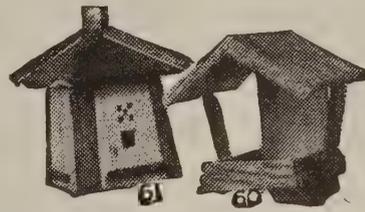
Vitamin B-1 (Thiamine Hydrochloride). Vitamin B₁ stimulates root-growth, restores sick and straggly plants to health, produces larger blooms, prevents root-shock in transplanting. 100 tablets making 2000 gals. \$1.00; 100 tablets making 100 gals. 35c.

TRANSPLANTONE. Vitamin Hormone Stimulant for rooted plants. 1-oz. can 50c.; 3-oz. can \$1.00; 1-lb. can \$4.00.

MICHELL'S RUSTIC AND ORNAMENTAL BIRD HOUSES

You can enjoy the cheerful company of many of our native song-birds during the entire winter season if you attract them to your home with suitable Shelters and Feeders.

| | Each |
|--|---------|
| No. 46. Martin House. 12-room. Not mailable..... | \$22 00 |
| No. 14. Wren or Bluebird House | 2 25 |
| No. 17. Wren House | 3 00 |
| No. 21. Bluebird House | 2 75 |
| No. 23. Wren House | 1 75 |
| No. 25. For Woodpeckers, Chickadees, Nuthatches, etc. ... | 2 25 |
| No. 45. Squirrel House | 10 00 |
| No. 60. Robin House | 2 75 |
| No. 61. Wren House. Swinging..... | 2 25 |
| No. 104. Rustic Seed-Feeder | 2 50 |
| No. 105. Rustic Suet-Feeder | 2 00 |
| No. 110. Combination Shelter | 3 30 |
| No. 114. Suet Basket | 70 |
| No. 124. Bishop Window-Feeders | 4 80 |
| No. 126. Squirrel-Proof Feeder for Suet | 2 50 |
| No. 127. Squirrel-Proof Feeder for Seed | 2 50 |



Community Diner
with
Perches



Attracts clinging and perching birds. Filled with 24 tid-bits containing seed and suet, and pressed peanut and suet molded into paper cup. \$2.50 each.



104

110



Revolving Feed-Box



17

Revolving Feed-Box

This bird-feeder, the most popular American type, has its glass end always facing the wind, so that the large open end is protected from storms. With wood pole. Price, \$12.50.

Window Feeder No. 124

The glass roof of the Feeder protects the food from the weather and permits observation of the birds at all times. Fitted with hinged glass top and built-in seed-hopper and suet-rack. Price, \$4.80.

Crystal Bird-Feeder

A simple inexpensive glass Feeder of the hanging type. Easy to fill, with the seed-supply always visible. Furnished complete with seed. 1/2 pt. size 85c. Qt. size (with glass roof) \$1.75.

Glass Hopper Feeder. Wood roof and glass feed container. Price, \$4.95.

Michell's Wild Bird Seed

A mixture of seed and grain most attractive to the birds wintering in the Northern States.

| | | | |
|-------------|--------|--------------|--------|
| 5 lbs..... | \$0 70 | 25 lbs..... | \$2 75 |
| 10 lbs..... | 1 25 | 100 lbs..... | 9 50 |

Salt Box Inn No. R2

Built like the house after which it is named. Smaller than the Cape Cod Inn. Has seed hopper and cake holder. Size 13 x 17 in. Stained brown. Price, \$8.75.

Bird Cafe

For many birds at your window. An all-weather feeder. Glass top keeps out rain and snow. Easily attached to window-sill from inside the room. With suet cake holder and seed hopper. Height 8 in., depth 16 in., length 16 in. **No. W16.** Price, \$5.95.

Garden Snackery

A glass-front revolving feeder. Vanes keep glassed-in front toward the wind and weather, protecting the interior. Equipped with seed hopper and suet cake holder as well as center pole and hardware for easy attaching to any post. Size 13 x 17 in. **No. R1.** Price, \$7.50.

Pest Exterminators

Ant-X Jelly Bait. Ants like the taste of Ant-X Jelly, but it is "their last meal." They carry it back to their nests—destroys the whole colony. 35c. and \$1.00.

Ant-X Ant Traps. Attractive, sanitary, safety container for use in house or garden. Just break seal of box, and place where ants can get to it. Cannot be opened by a child or spilled by a pet. 25c.

Killice. The new modern way to destroy mice in house or garden. Easy to use—clean, sanitary, no mixing—no traps needed. Large 2 1/2-oz. pkg. 25c.

Mole-Nots. Sure death to bulb-eating, root-destroying moles. Life saver for lawns, flower and seed-beds. Safeguard bulbs when placed in ground at time of planting. 35c. and \$1.00.

Mouse-Nots. A meaty, easily hulled, treated seed-bait which appeals to the finicky taste of mice—"their last meal." 25c. and \$1.00.

Rat-Nots. A safe, scientific way to exterminate rats. Prepared bait contains genuine red squill—not a poison. 25c. and \$1.00.

Rat-Not-Paste. Recommended for big, well-fed elusive rats which dodge cats and traps, and are finicky in their eating habits due to easy access to tasty garbage, and feed and food warehouses. Rat-Not-Paste is FAST, QUICK, and LETHAL in its action. Ideal too, for control of chipmunks, squirrels, prairie dogs, etc. Packaged in handy convenient tubes. 35c. and \$1.00.

Rat-Not-Powder. Recommended for those who like to mix their own bait. Rat-Not-Powder is non-poisonous and relatively harmless to humans and animals. Contains genuine "Red Squill." Simply mix with table-leavings or other food-scrap and serve to rats. 15c.

Roach-Nots. A prepared powder bait, quick and effective. Roach-Nots "Lays them on their backs." 25c. and \$1.00.

RATSTOP with ANTU is a remarkably effective raticide containing 15% alphanaphthylthiourea (ANTU)—85% inert ingredients. A powder that lends itself to several baiting methods: (1) For mixing with ground baits; (2) for dusting on moist baits; (3) for dusting without bait—as a tracking powder. 2 ounces makes 4 pounds of bait. 75c.

ALL PRICES SUBJECT TO MARKET CHANGES

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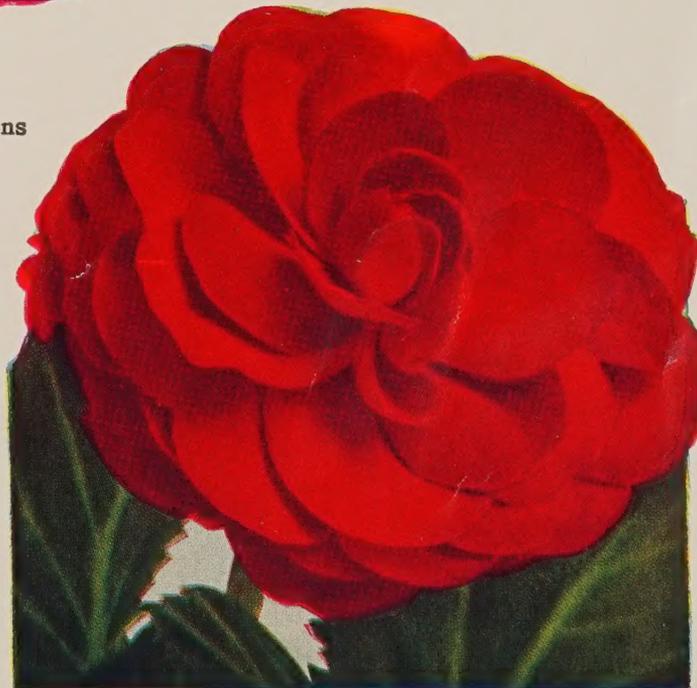
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